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Calendars of seasonal varia-  
tions in employment: Canada.







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## CALENDARS OF SEASONAL VARIATIONS IN EMPLOYMENT

## CANADA

In 1953, beginning the initial calculations on which the Calendars of Seasonal Variations in Employment are based, four of the standard methods of computing seasonal indices were examined to determine which method was most suitable under the circumstances. The four methods examined were, simply moving, Ratio-to-Trend, and Dividuals—each using a different time series to determine under what conditions they would remove the seasonal component from the actual, cyclical and irregular components. The results were tested in turn according to ten assumptions, and the capability of the seasonal component was independent of the choice of the non-seasonal component (Trend, moving average and seasonal component of the actual). The results showed that the seasonal component of the actual was correlated directly with the seasonal component of the non-seasonal component (Trend, moving average and seasonal component of the actual).

The results of the test showed that none of the four methods would consistently isolate the seasonal component in the observations most likely to be encountered in practice. The seasonal component factors are present and there is a dependency between them. Therefore, the selection of a method was based on the method which did not distort the seasonal and non-seasonal factors.

Prepared by

The Employment and Labour Market Section

Economics and Research Branch

DEPARTMENT OF LABOUR

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## Calendars of Seasonal Variations in Employment

In analyzing developments in employment in Canada, the seasonal changes which occur in the levels of operations and employment in many industries must be borne in mind. More specifically, it is important to know the industries in which such changes occur, how large the variations are, and when they occur. To answer such questions as these, an extensive investigation of seasonal employment variations in Canada has been undertaken by the Economics and Research Branch of the Department of Labour. The Calendars of Seasonal Employment Variations are the result of the statistical side of this inquiry and are modelled after those of W.S. Woytinsky. (1)

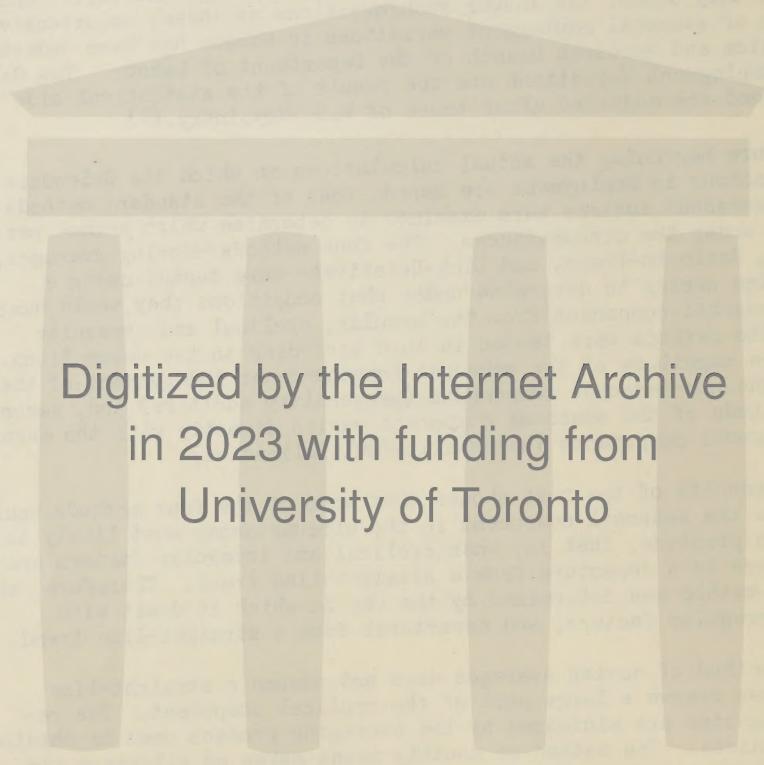
Before beginning the actual calculations on which the Calendars of Seasonal Variations in Employment are based, four of the standard methods of computing seasonal indices were examined to determine which method was most suitable under the circumstances. The four methods--Moving Averages, Monthly Means, Ratio-to-Trend, and Link-Relatives--were tested using a theoretical time series to determine under what conditions they would exactly isolate the seasonal component from the secular, cyclical and irregular components. The methods were tested in turn according to two assumptions: first, that the magnitude of the seasonal component was independent of the magnitude of the non-seasonal components (seasonality additive) and, second, that the magnitude of the seasonal component varied directly with the magnitude of the non-seasonal components (seasonality multiplicative).

The results of the test showed that none of the four methods would exactly isolate the seasonal component in the circumstances most likely to be encountered in practice, that is, when cyclical and irregular factors are present and there is a departure from a straight-line trend. Therefore, the selection of a method was determined by the way in which it dealt with cyclical and irregular factors, and departures from a straight-line trend.

The method of moving averages does not assume a straight-line trend and it does remove a large part of the cyclical component. The remaining discrepancies are minimized by the averaging process used to obtain the seasonal indices. The method of monthly means makes no allowance for cyclical or irregular influences; it apparently assumes that the period covered will be sufficiently long and regular to result in the cancellation of these components. This method implicitly assumes a straight-line trend.

The ratio-to-trend method assumes the possibility of obtaining an accurate representation of trend, and it handles cyclical and irregular components indirectly. Little success at exactly isolating the seasonal component can be expected from this method under most circumstances. In the case of this particular project, the data are available for too short a period (five years) to make the direct measurement of trend sufficiently accurate. The link-relative method makes no direct allowance for the cyclical

(1) W.S. Woytinsky, Seasonal Unemployment in the United States, Social Science Research Council (Washington, 1939).



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and irregular components; the method simply requires that the period covered be long enough so that they will cancel out. There is an indirect tendency to minimize the influence of cycles because of the comparison of each month with the one immediately preceding. Linking consecutive months also tends to diminish irregular disturbances because they are sometimes felt over periods of more than one month.

It was concluded from these tests that the methods of moving averages and link-relatives were the most suitable for this project. It was noted that there is not much difference between the methods with respect to results, which have been much the same whenever both methods have been used. The link-relative method, however, gives a greater volume of data since there is only one less link-relative than the number of months for which figures are available, whereas there are twelve less moving average values. This disadvantage can be overcome, to a certain extent, by free-hand extension of the moving average curve.

The major advantage of the moving average method is the fact that its results can be readily used to determine whether seasonality is additive or multiplicative.<sup>(1)</sup> On the other hand, the unaveraged link-relatives can only be made the basis of such a test after much processing and furthermore the effectiveness of the test is less certain.

#### Method of Calculation

The Calendars of Seasonal Variations in Employment have been calculated from Dominion Bureau of Statistics employment indices for the years 1947 to 1951.<sup>(2)</sup> The calculations were begun in the summer of 1952. A change in the scheme of industrial classification had been made in 1947 so that earlier figures could not generally be used. These circumstances limited the period which could be covered to the five years, 1947-51. This period is shorter than would generally have been chosen, although to include the war and immediate post-war years would probably not have made the results more suitable for the study of current trends in employment. For the purpose of these calculations, the employment indices were adjusted when they were substantially affected by strikes.

1. Thirteen-month moving averages of employment indices for the years 1947 to 1951 inclusive were calculated, with the two end months being given half-weight. These average values were assigned to the 7th month of each 13-month period.<sup>(3)</sup>

(1) See below, under "Method of Calculation".

(2) See Employment, Payrolls and Average Weekly Earnings, 1947-50 (Ottawa, Dominion of Statistics). For 1951 and 1952 see the monthly issues of Employment and Payrolls.

(3) This is a shortcut method of calculating and centering moving averages proposed by S. Kuznets, in Seasonal Variations in Industry and Trade, National Bureau of Economic Research (New York, 1933) p. 27.



2. The moving average values and the original employment indices were plotted on a graph and the ends of the moving average curve were extended free-hand to make the curve cover the same period as the employment indices. The free-hand extention was made according to the following principles:
  - (a) an attempt was made to continue its apparent trend, and
  - (b) to preserve the observed relationship between the moving average curve and employment indices in other years.

Moving average values were then read from the graph to cover the initial and final periods.

  3. The moving average values were subtracted from the corresponding employment indices to arrive at "residuals."
  4. A test was made to see whether seasonality was additive or multiplicative as follows:
    - (a) The residuals were summed, ignoring sign, for each calendar year to find their absolute magnitudes. The mean of these absolute magnitudes was found, the deviations from the mean, and the mean of the deviations. The mean of the deviations was expressed as a fraction of the mean of the absolute magnitudes.
    - (b) The yearly totals of the residuals were expressed as percentages of the averages of the employment indices for the same years to find their relative magnitudes. The mean of the relative magnitudes was found, the deviations from the mean, and the mean of the deviations. The mean of the deviations was expressed as a fraction of the mean of the relative magnitudes.
    - (c) If the fraction calculated in (a) was less than the fraction calculated in (b) seasonality was considered to be additive. If the reverse relationship between the fractions existed, then the seasonality was considered to be multiplicative.
  5. If seasonality was additive, the remainder of the calculation proceeded as follows:
    - (a) The residuals were arrayed by months and a weighted average for each month was calculated, the highest and lowest values being given half-weight. The averages were then adjusted, if necessary, to add as close as possible to zero. The adjusted averages are the "seasonal employment variations" expressed in index numbers.



(b) The "seasonal employment variations" in index numbers were multiplied by the basic average of the employment indices (taken as of May 1, 1952) to convert them to "seasonal employment variations" expressed in absolute numbers. The "seasonal employment variations" in absolute numbers were rounded to the nearest ten and adjusted, if necessary, to make them add as close as possible to zero. These are the figures which appear in the second column of the Calendars.

6. If seasonality was multiplicative, the remainder of the calculation proceeded as follows:

- (a) The moving average values were divided into the corresponding employment indices to obtain "relatives", which were expressed as percentages.
- (b) The "relatives" were arrayed by months and treated as the "residuals" in 5(a) above, except that in this case the sum of their averages was adjusted to add as close as possible to 1,200 rather than zero. (This follows from the percentage form of the "relatives".)
- (c) The average relatives obtained in (b) were divided into monthly averages of the employment indices (obtained by averaging the indices for the five Januaries, the five Februaries, etc.) The resulting quotients were then subtracted from the monthly averages, and the differences adjusted, if necessary to add as close as possible to zero. These are the "seasonal employment variations" in index numbers.
- (d) The "seasonal employment variations" in index numbers were treated as in 5(b) to obtain "seasonal employment variations" in absolute numbers.

7. It was decided after the above calculations were well advanced that seasonal indices of the normal (percentage) form should be calculated for all industries and that these should be shown on the "Calendars of Seasonal Variations in Employment". It should be noted that seasonal indices of this type implicitly assume that seasonality is multiplicative; on the other hand the "seasonal employment variations" in absolute numbers implicitly assume that seasonality is additive. In order that the calendars should be as internally consistent as possible the seasonal employment variations in absolute numbers as calculated in 5(b) and 6(d) above were expressed as percentages of average employment 1947 to 1951 (obtained by averaging the index numbers for 1947 to 1951 and multiplying the average index number by the basic average in order to convert it to absolute numbers). These percentages were then added, having regard to sign, to 100. These are the seasonal indices which appear in column 7 of the Calendars.



8. The above procedure was followed for all Calendars for Canada. For the Calendars for the provinces, however, the computations were carried out, in most cases, as described in paragraph 5 above, without regard to the results of the test for additivity or multiplicativity. The results of either method, when expressed as "seasonal employment variations" in absolute numbers, do not differ significantly, and this simplification was used in order to cut down the time needed for calculation.

#### Explanation of Calendars

The two figures on average employment given at the top of the calendars, one attributed to Employment and Payrolls and the other to the Census of Industry and Merchandising, are included to give some idea of the comparative coverages of these two surveys, in view of the fact that the calculations were made from employment indices published in "Employment and Payrolls". It should be noted that neither Survey necessarily gives total employment in the industry. The employment indices are based on the number of employees, regardless of their function, in establishments usually employing fifteen or more employees; the Census of Industry and Merchandising figures are based on the number of production employees (including administrative staff) in all establishments in the industry. To make the two figures of average employment most useful, they should cover the same period, but it proved impossible to carry out the necessary calculations.

The "Amplitude of Seasonal Employment Variations" which appears above the calendars is the average difference between annual peak and trough levels of employment expressed as a percentage of average employment. It is equal to the difference between the seasonal index for the peak month and the seasonal index for the trough month.

"Seasonal Employment Variations" (column 2) are the deviations of actual employment from the moving average values for the same months expressed in absolute numbers of employees, (seasonality additive), or the deviations of seasonally adjusted employment indexes from the original indexes (seasonality multiplicative), the deviations themselves being averaged for the five years 1947 to 1951. Any figure in this column, when expressed as a percentage of average employment in the industry, 1947-51, corresponds to the difference between 100 and the seasonal index for the same month. Columns 3, 4, 5 and 6 are all calculated from "Seasonal Employment Variations".

"Seasonal Employment" (column 3) is the average number of persons holding seasonal jobs in any month, that is, jobs which will on the average come to an end some time within the next 11 months and reappear some time within the next 12 months. The figure for any given month is equal to the difference between the number of workers employed in the given month and the number employed in the trough month.



"Seasonal Disemployment" (column 4) is the average number of persons who are without jobs in the industry for seasonal reasons in any month but who may expect on the average to be employed in the industry some time within the next 11 months and who will become dis-employed some time within the next 12 months. The figure for any given month is equal to the difference between the number of workers employed in the peak month and the number employed in the given month.

The term seasonal unemployment is not used here since it is not known whether a worker who becomes disemployed will actively seek another job and sometimes find it, or leave the labour force altogether.

"Change in Seasonal Employment from the Preceding Month" (columns 5 and 6) is the difference between the seasonal variation for any given month and the seasonal variation for the preceding month. The differences are calculated having regard to sign and are shown in two columns, "Higher +" and "Lower -", in order to make clear the changes in the direction of the seasonal movements.

"Seasonal Index" is the average of the ratios, for any given month, of employment indices to corresponding moving average values. See also "Method of Calculation", paragraph 7.

#### Verification of Calendars

It is important to realize that the method used to calculate the calendars will almost always show some "Seasonal Employment Variations" whether true seasonality of employment exists in the industry or not. Before assuming that an industry is seasonal, an attempt should be made to connect the seasonal variations shown in the calendar with real causes of such variations such as climatic affects on production or on supply of raw materials or on demand for products, or the buying habits of industry or consumers.

In general, an industry with an amplitude of seasonal employment variations of, say, less than 5 per cent, may usually be considered non-seasonal unless a correlation between the seasonal variations and known causes can be discovered. In addition, if the "Changes in Seasonal Employment" show a large number of shifts from month to month between increases and decreases (see, for example, Printing, Publishing and Allied Industries, Calendar Number 40) the industry is probably non-seasonal. A combination of low amplitude plus a large number of shifts suggests that employment in the industry is definitely not seasonal.

An important qualification must, however, be mentioned. If the industry is composed of a number of somewhat heterogeneous elements, (see, for example, Other Paper Products, Calendar Number 39), the seasonal pattern



of the industry may be the result of varying patterns among the components so that the shifts in "Changes in Seasonal Employment" between increases and decreases is the result of divergent seasonal trends among the components. In such cases, of course, only the calculation of seasonal indices for the components will show whether and where seasonality exists.

Detection of Non-Seasonal Movements.

The seasonal indices may be used to detect non-seasonal movements in employment. Any time series (for example, employment indices) may usefully be considered to be the result of four influences: secular, cyclical, seasonal and irregular or random. Removing the seasonal factor from a series will theoretically leave the secular, cyclical and irregular factors unchanged. However, these concepts, independent though they may be by definition, are actually interrelated. In other words, seasonal indices are affected by secular and cyclical movements. Since the detection of non-seasonal movements in current data must mean the application of non-current seasonal indices to these data, it must always be kept in mind that the seasonal indices may not properly describe the present situation.

Two methods of detecting non-seasonal movements may be used depending on whether a month-to-month or a continuing movement is to be examined.

(1) Month-to-Month Comparisons. In this case a computation of the percentage changes in employment indices and the changes in the corresponding seasonal indices for the same months is sufficient. A comparison of the changes in actual employment with the normal seasonal changes will show whether employment is moving in accordance with the average seasonal pattern. In interpreting the results, the effect of strikes on employment indices should be borne in mind.

(2) Continued or Trend Movements. When it is desired to eliminate seasonal movements from a time series for a longer period, the most suitable method is to deseasonalize the series. This is done by dividing the basic indices by the corresponding seasonal indices:



Agricultural Implements

<u>Date</u>	<u>Employment Index</u>	<u>Seasonal Index</u>	<u>Deseasonalized Employment Index</u>
1953	Jan. 97.4	97.7	99.7
	Feb. 98.8	100.2	98.6
	Mar. 97.3	101.9	95.5
	Apr. 94.1	103.9	90.6
	May 89.4	104.0	85.9
	June 88.1	103.4	85.2
	July 84.4	102.6	82.3
	Aug. 81.3	100.6	80.8
	Sept. 75.4	98.4	76.6
	Oct. 67.2	96.3	69.8
	Nov. 66.2	94.9	69.8
	Dec. 65.8	96.1	68.5
1954	Jan. 63.7	97.7	65.2
	Feb. 70.7	100.2	70.3

The deseasonalized indices clearly reveal an underlying trend of declining employment in this industry. The last figure for February 1954 may indicate the beginning of a change in the trend or it may mean that the seasonal pattern is becoming more pronounced. In other words the seasonal indices used may no longer be suitable since they may not completely deseasonalize the basic data.



## Calendars of Seasonal Variations in Employment

### INDEX

Calendars for Canada bear numerical designations; calendars for the provinces bear combined numerical and alphabetical designations. The numerical portion is the same for the same industry for all areas; the alphabetical portions have no geographical significance, except that for each industry the calendars for the provinces are arranged according to the relative geographical position of the provinces from east to west. For example, the calendars for Forestry for Canada, New Brunswick, Quebec, Ontario and British Columbia are designated 1, 1A, 1B, 1C and 1D respectively. Industries are classified according to the plan used in "Employment and Payrolls", published by the Dominion Bureau of Statistics.

<u>Industry</u>	<u>Calendar Number for Canada</u>
Acids, Alkalies and Salts	69
Agricultural Implements	42
Aircraft and Parts	53
Air Transport and Airports	75
Aluminum Products	59
Banking, Investment and Loan	95
Boilers and Plate Work	43
Boots and Shoes (except Rubber)	21
Brass and Copper Products	60
Bread and Other Bakery Products	14
Buildings and Structures	72
Canned and Cured Fish	11
Canned and Preserved Fruits and Vegetables	12
Chemical Products	67
Cloay Products	64
Clothing (Textile and Fur)	27
Coal Mining	5
Communication	87
Construction	71
Cotton Yarn and Broad Woven Goods	24
Dairy Products	10
Distilled and Malt Liquors	15
Electrical Apparatus and Supplies	62
Electric Light and Power	90



<u>Industry</u>	<u>Calendar Number for Canada</u>
abricated and Structural Steel	44
inance, Insurance and Real Estate	94
ood and Beverages	8
orestry (Chiefly Logging)	1
ur Goods	31
urniture	35
lass and Glass Products	65
old Mining	3
rain Elevators	85
rain Mill Products	13
ardware and Tools	45
ats and Caps	32
eating and Cooking Appliances	46
ighways, Bridges, and Streets	73
otels and Restaurants	98
ndustrial Composite	100
nsurance	96
ron and Steel Products	41
ron Castings	47
nit Goods	30
undries and Dry Cleaning Plants	99
ather Products	20
achinery Manufacturing	48
aintenance of Equipment	78
aintenance of Ways and Structures	79
nufacturing	101
at Products	9
dicinal and Pharmaceutical Products	68
n's Clothing	28
ning	2
scellaneous Manufacturing Industries	70
tor Vehicle Parts and Accessories	55
tor Vehicles	54
rr-Ferrous Metal Products	58
rr-Metallic Mineral Products	63
rr-Metal Mining	7



<u>Industry</u>	<u>Calendar Number for Canada</u>
Oil and Natural Gas	6
Other Beverages	16
Other Foods	17
Other Leather Products	22
Other Metal Mining	4
Other Paper Products	39
Other Public Utilities	91
Other Wood Products	36
 Paper Products	
Petroleum and Coal, Products of	37
Primary Iron and Steel	66
Printing, Publishing, and Allied Industries	49
Public Utility Operation	40
Pulp and Paper Mills	89
	38
Railway and Rolling Stock Equipment	56
Retail Trade	93
Rubber Products	19
 Saw and Planing Mills	
Service	34
Sheet Metal Products	97
Shipbuilding and Repairing	50
Smelting and Refining	57
Steam Railways	61
Storage	77
Storage and Warehouse	84
Synthetic Textiles and Silk	86
	26
Telegraphs	81
Telephone	88
Textile Products (except Clothing)	23
Tobacco and Tobacco Products	18
Transportation	74
Transportation Equipment	52
Transportation - Steam Railways	80
Truck Transportation	82
 Urban and Interurban Transportation	
	76
Water Transportation	83
Wholesale Trade	92
Wire and Wire Products	51
Women's Clothing	29
Wood Products	33
Yarn Goods	25



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Forestry (Chiefly Logging)			
Average Employment, 1947-51=79,600		(D.B.S., Employment and Payrolls)				
Average Employment, 1950 = N.A.		(D.B.S., Census of Industry)				
Amplitude of Seasonal Employment Variations = 69.3%						
Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	+ 23,980	53,090	2,040		- 2,040	130.1
Feb. 1	+ 15,960	45,070	10,060		- 8,020	120.1
Mar. 1	+ 12,290	41,400	13,730		- 3,670	115.4
Apr. 1	- 6,840	22,270	32,860		-19,130	91.4
May 1	Trough - 29,110	Trough 0	Trough 55,130		-22,270	63.4
June 1	- 16,880	12,230	42,900	+ 12,230		78.8
July 1	- 10,910	18,200	36,930	+ 5,970		86.3
Aug. 1	- 14,260	14,850	40,280		- 3,350	82.1
Sep. 1	- 14,020	15,090	40,040	+ 240		82.4
Oct. 1	- 1,930	27,180	27,950	+ 12,090		97.6
Nov. 1	+ 15,720	44,830	10,300	+ 17,650		119.7
Dec. 1	Peak + 26,020	Peak 55,130	Peak 0	+ 10,300		132.7



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Canada

Industry

Mining

Average Employment, 1947-51=85,500 (D.B.S., Employment and Payrolls)

Average Employment, 1950 =93,900 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 3.7 %

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis- Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
1947.1	- 1,200	480	2,770		- 2,300 98.6	
1947.2	- 800	880	2,370	+ 400		99.1
1947.3	Trough - 1,680	Trough 0	Trough 3,250		- 880	98.1
1947.4	- 1,200	480	2,770	+ 480		98.6
1947.5	- 1,460	320	2,930		- 160	98.3
1947.6	- 570	1,110	2,140	+ 790		99.3
1947.7	+ 1,100	2,780	470	+1,670		101.3
1947.8	Peak + 1,570	Peak 3,250	Peak 0	+ 470		101.8
1947.9	+ 1,340	3,020	230		- 230	101.6
1947.10	+ 700	2,380	870		- 640	100.8
1947.11	+ 1,020	2,700	550	+ 320		101.2
1947.12	+ 1,100	2,780	470	+ 80		101.3



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

ea Canada

Industry Gold Mining

Average Employment, 1947-51=22,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 =22,900 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 2.6 %

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	Trough - 300	Trough 0	Trough 600		- 390	98.7	
Feb. 1	- 30	270	330	+ 270		99.9	
Mar. 1	- 150	150	450		- 120	99.3	
Apr. 1	- 150	150	450		No Change	99.3	
May 1	+ 30	330	270	+ 180		100.1	
June 1	+ 120	420	180	+ 90		100.5	
July 1	Peak + 300	Peak 600	Peak 0	+ 180		101.3	
Aug. 1	Peak + 300	Peak 600	Peak 0		No Change	101.3	
Sept. 1	+ 30	330	270		- 270	100.1	
Oct. 1	- 240	60	540		- 270	98.9	
Nov. 1	- 30	270	330	+ 210		99.9	
Dec. 1	+ 90	390	210	+ 120		100.4	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Other Metal Mining				
Average Employment, 1947-51=21,400 (D.B.S., Employment and Payrolls)							
Average Employment, 1950 =24,800 (D.B.S., Census of Industry)							
Amplitude of Seasonal Employment Variations = 2.5 %							
Date	Averages for the Years 1947 to 1951				Seasonal Index		
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher + Lower -			
Jan. 1	Trough - 360	Trough 0	Trough 540		- 360 98.3		
Feb. 1	- 60	300	240	+ 300			
Mar. 1	- 100	260	280		- 40 99.5		
Apr. 1	+ 60	420	120	+ 160			
May 1	- 130	230	310		- 190 99.4		
June 1	+ 40	400	140	+ 170			
July 1	Peak + 180	Peak 540	Peak 0	+ 140			
Aug. 1	Peak + 180	Peak 540	Peak 0	No Change	100.8		
Sep. 1	+ 160	520	20		- 20 100.7		
Oct. 1	- 40	320	220		- 200 99.8		
Nov. 1	+ 100	460	80	+ 140			
Dec. 1	0	360	180		- 100 100.0		



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Canada

Industry Coal Mining

Average Employment, 1947-51=24,200 (D.B.S., Employment and Payrolls)

Average Employment, 1950 =23,400 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 6.8 %

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	+ 150	910	740		- 460	100.6	
Feb. 1	Peak + 890	Peak 1,650	Peak 0	+ 740		103.7	
Mar. 1	+ 530	1,290	360		- 360	102.2	
Apr. 1	+ 410	1,170	480		- 120	101.7	
May 1	- 130	630	1,020		- 540	99.5	
June 1	Trough - 760	Trough 0	Trough 1,650		- 630	96.9	
July 1	- 590	170	1,480	+ 170		97.6	
Aug. 1	- 590	170	1,480	No Change		97.6	
Sept. 1	- 480	280	1,370	+ 110		98.0	
Oct. 1	- 200	560	1,090	+ 280		99.2	
Nov. 1	+ 180	940	710	+ 380		100.7	
Dec. 1	+ 610	1,370	280	+ 430		102.5	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Year	Canada	Industry	Oil and Natural Gas			
Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 330	110	740		- 480 95.0	
Feb. 1	Trough - 440	Trough 0	Trough 850		- 110 93.4	
Mar. 1	- 430	10	840	+ 10		93.5
Apr. 1	- 390	50	800	+ 40		94.1
May 1	- 340	100	750	+ 50		94.9
June 1	+ 80	520	330	+420		101.2
July 1	+ 270	710	140	+190		104.1
Aug. 1	Peak + 410	Peak 850	Peak 0	+140		106.2
Sep. 1	Peak + 410	Peak 850	Peak 0	No Change		106.2
Oct. 1	+ 290	730	120		- 120 104.4	
Nov. 1	+ 310	750	100	+ 20		104.7
Dec. 1	+ 150	600	250		- 160 102.3	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Sea Canada

Industry Non-Metal Mining

Average Employment, 1947-51=11,100 (D.B.S., Employment and Payrolls)

Average Employment, 1950 =17,800 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 20.0 %

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 800	220	2,020		- 740	92.8	
Feb. 1	-1,010	10	2,230		- 210	90.9	
Mar. 1	Trough -1,020	Trough 0	Trough 2,240		- 10	90.9	
Apr. 1	- 770	250	1,990	+ 250		93.1	
May 1	- 470	550	1,690	+ 300		95.8	
June 1	+ 130	1,150	1,090	+ 600		101.2	
July 1	+ 790	1,810	430	+ 660		107.1	
Aug. 1	Peak +1,220	Peak 2,240	Peak 0	+ 430		110.9	
Sept. 1	+1,150	2,170	70		- 70	110.3	
Oct. 1	+ 580	1,600	640		- 570	105.2	
Nov. 1	+ 240	1,260	980		- 340	102.1	
Dec. 1	- 60	960	1,280		- 300	99.5	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

a	Canada	Industry	Food and Beverages			
Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
n. 1	- 5,540	6,770	20,960		- 9,390	95.4
b. 1	- 9,300	3,010	24,720		- 3,760	92.2
r. 1	-11,860	450	27,280		- 2,560	90.1
r. 1	Trough -12,310	Trough 0	Trough 27,730		- 450	89.7
y 1	- 9,750	2,560	25,170	+ 2,560		91.8
ne 1	- 5,020	7,290	20,440	+ 4,730		95.8
ly 1	+ 3,850	16,160	11,570	+ 8,870		103.2
g. 1	+ 8,590	20,900	6,830	+ 4,740		107.2
p. 1	+13,550	25,860	1,870	+ 4,960		111.4
t. 1	Peak +15,420	Peak 27,730	Peak 0	+ 1,870		112.9
v. 1	+ 8,520	20,830	6,900		- 6,900	107.1
c. 1	+ 3,850	16,160	11,570		- 4,670	103.2



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Canada	Industry	Meat Products				
Average Employment, 1947-51=20,900 (D.B.S., Employment and Payrolls)						
Average Employment, 1950 =21,400 (D.B.S., Census of Industry)						
Amplitude of Seasonal Employment Variations = 17.0 %						
Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
					Higher +	Lower -
Jan. 1	+ 620	2,170	1,380		- 1,380	102.9
Feb. 1	- 490	1,060	2,490		- 1,110	97.7
Mar. 1	-1,350	200	3,350		- 860	93.5
Apr. 1	Trough -1,550	Trough 0	Trough 3,550		- 200	92.6
May 1	-1,310	240	3,310	+ 240		93.7
June 1	- 520	1,030	2,520	+ 790		97.5
July 1	+ 150	1,700	1,850	+ 670		100.7
Aug. 1	+ 570	2,120	1,430	+ 420		102.7
Sept. 1	+ 450	2,000	1,550		- 120	102.2
Oct. 1	+ 280	1,830	1,720		- 170	101.3
Nov. 1	+1,140	2,690	860	+ 860		105.4
Dec. 1	Peak +2,000	Peak 3,550	Peak 0	+ 860		109.6



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

a Canada

Industry Dairy Products

Average Employment, 1947-51 = 8,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 24,100 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 21.4 %

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 590	280	1,600		- 220	93.3	
Feb. 1	- 840	30	1,850		- 250	90.4	
Mar. 1	Trough - 870	Trough 0	Trough 1,880		- 30	90.1	
Apr. 1	- 610	260	1,620	+ 260		93.0	
May 1	- 170	700	1,180	+ 440		98.1	
June 1	+ 450	1,320	560	+ 620		105.1	
July 1	+ 950	1,820	60	+ 500		110.9	
Aug. 1	Peak +1,010	Peak 1,880	Peak 0	+ 60		111.5	
Sept. 1	+ 780	1,650	230		- 230	108.9	
Oct. 1	+ 310	1,180	700		- 470	103.5	
Nov. 1	- 20	850	1,030		- 330	99.8	
Dec. 1	- 370	500	1,380		- 350	95.8	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Canned and Cured Fish			
Date	Seasonal Employment Variations	Average for the Years 1947 to 1951			Seasonal Index	
		Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 1,600	620	4,360		- 1,320	79.6
Feb. 1	- 1,630	590	4,390		- 30	79.2
Mar. 1	- 2,190	30	4,950		- 560	72.0
Apr. 1	Trough - 2,220	Trough 0	Trough 4,980		- 30	71.7
May 1	- 1,200	1,020	3,960	+ 1,020		84.7
June 1	+ 200	2,420	2,560	+ 1,400		102.6
July 1	+ 1,300	3,520	1,460	+ 1,100		116.6
Aug. 1	+ 2,420	4,640	340	+ 1,120		130.9
Sept. 1	Peak + 2,760	Peak 4,980	Peak 0	+ 340		135.2
Oct. 1	+ 1,730	3,950	1,030		- 1,030	122.1
Nov. 1	+ 710	2,930	2,050		- 1,020	109.1
Dec. 1	- 280	1,940	3,040		- 990	96.4



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Canned and Preserved Fruits and Vegetables
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Average Employment, 1947-51=12,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 =14,900 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 137.5 %

Date	Average for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 3,620	1,510	15,570		- 3,510	70.9	
Feb. 1	- 3,890	1,240	15,840		- 270	68.7	
Mar. 1	- 4,800	330	16,750		- 910	61.4	
Apr. 1	Trough - 5,130	Trough 0	Trough 17,080		- 330	58.7	
May 1	- 4,680	450	16,630	+ 450		62.3	
June 1	- 3,800	1,330	15,750	+ 880		69.4	
July 1	+ 340	5,470	11,610	+4,140		102.7	
Aug. 1	+ 3,380	8,510	8,570	+3,040		127.2	
Sept. 1	+ 7,180	12,310	4,770	+3,800		157.8	
Oct. 1	Peak +11,950	Peak 17,080	Peak 0	+4,770		196.2	
Nov. 1	+ 3,160	8,290	8,790		- 8,790	125.4	
Dec. 1	- 110	5,020	12,060		- 3,270	99.1	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea	Canada	Industry	Grain Mill Products			
Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	Trough = 230	Trough 0	Trough 470		= 280	97.0
Feb. 1	- 200	30	440	+ 30		97.4
Mar. 1	- 200	30	440	No Change		97.4
Apr. 1	- 130	100	370	+ 70		98.3
May 1	- 60	170	300	+ 70		99.2
June 1	- 60	170	300	No Change		99.2
July 1	+ 110	340	130	+170		101.4
Aug. 1	+ 90	320	150		- 20	101.2
Sept. 1	+ 210	440	30	+120		102.7
Oct. 1	Peak + 240	Peak 470	Peak 0	+ 30		103.1
Nov. 1	+ 160	390	80		- 80	102.1
Dec. 1	+ 50	280	190		- 110	100.6



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

area Canada

Industry Bread and Other Bakery Products

Average Employment, 1947-51=15,200 (D.B.S., Employment and Payrolls)

Average Employment, 1950 =31,100 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 5.7 %

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 130	280	550		- 330	99.1	
Feb. 1	- 190	220	610		- 60	98.7	
Mar. 1	- 340	70	760		- 150	97.8	
Apr. 1	Trough - 410	Trough 0	Trough 830		- 70	97.3	
May 1	- 400	10	820	+ 10		97.4	
June 1	- 160	250	580	+240		98.9	
July 1	+ 250	660	170	+410		101.6	
Aug. 1	+ 360	770	60	+110		102.4	
Sept. 1	Peak + 420	Peak 830	Peak 0	+ 60		102.8	
Oct. 1	+ 240	650	180		- 180	101.6	
Nov. 1	+ 210	620	210		- 30	101.4	
Dec. 1	+ 200	610	220		- 10	101.3	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada

Industry Distilled and Malt Liquors

Average Employment, 1947-51 = 13,900 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 12,400 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 8.4 %

Date	Average for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
		Higher +	Lower -		
Jan. 1	+ 140	700	430	- 160	101.0
Feb. 1	- 510	50	1,130	- 650	96.3
Mar. 1	- 530	30	1,150	- 20	96.2
Apr. 1	Trough - 560	Trough 0	Trough 1,180	- 30	96.0
May 1	- 420	140	1,040	+ 140	97.0
June 1	- 170	390	790	+ 250	98.8
July 1	+ 270	830	350	+ 440	101.9
Aug. 1	+ 480	1,040	140	+ 210	103.4
Sept. 1	Peak + 620	Peak 1,180	Peak 0	+ 140	104.4
Oct. 1	+ 190	750	430	- 430	101.4
Nov. 1	+ 180	740	440	- 10	101.3
Dec. 1	+ 300	860	320	+ 120	102.2



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada

Industry Other Beverages

Average Employment, 1947-51=5,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 =8,300 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 25.8 %

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 250	370	1,090	+ 90		95.6	
Feb. 1	- 540	80	1,380		- 290	90.5	
Mar. 1	Trough - 620	Trough 0	Trough 1,460		- 80	89.0	
Apr. 1	- 540	80	1,380	+ 80		90.5	
May 1	- 210	410	1,050	+330		96.3	
June 1	+ 190	810	650	+400		103.4	
July 1	+ 710	1,330	130	+520		112.5	
Aug. 1	Peak + 840	Peak 1,460	Peak 0	+130		114.8	
Sep. 1	+ 730	1,350	110		- 110	112.9	
Oct. 1	+ 160	780	680		- 570	102.8	
Nov. 1	- 150	470	990		- 310	97.4	
Dec. 1	- 340	280	1,180		- 190	94.0	



Based on D.B.S. Employment Indexes

Area Canada Industry Other Foods

Average Employment, 1947-51=26,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 =30,500 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 18.1 %

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	+ 120	1,680	3,180		- 2,600	100.4	
Feb. 1	- 910	650	4,210		- 1,030	96.6	
Mar. 1	-1,070	490	4,370		- 160	96.0	
Apr. 1	Trough -1,560	Trough 0	Trough 4,860		- 490	94.2	
May 1	-1,500	60	4,800	+ 60		94.4	
June 1	-1,450	110	4,750	+ 50		94.6	
July 1	- 740	820	4,040	+ 710		97.2	
Aug. 1	- 930	630	4,230		- 190	96.5	
Sep. 1	+ 160	1,720	3,140	+1,090		100.6	
Oct. 1	+1,880	3,440	1,420	+1,720		107.0	
Nov. 1	Peak +3,300	Peak 4,860	Peak 0	+1,420		112.3	
Dec. 1	+2,720	4,280	580		- 580	110.2	



Based on D.B.S. Employment Indexes

Area Canada

Industry Tobacco and Tobacco Products

Average Employment, 1947-51=10,500 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 8,500 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 24.7 %

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	+ 1,200	2,180	400	+ 770		111.5	
Feb. 1	Peak + 1,600	Peak 2,580	Peak 0	+ 400		115.3	
Mar. 1	+ 1,290	2,270	310		- 310	112.3	
Apr. 1	+ 350	1,330	1,250		- 940	103.3	
May 1	- 770	210	2,370		-1,120	92.6	
June 1	- 800	180	2,400		- 30	92.3	
July 1	- 760	220	2,360	+ 40		92.7	
Aug. 1	Trough - 980	Trough 0	Trough 2,580		- 220	90.6	
Sep. 1	- 670	310	2,270	+ 310		93.6	
Oct. 1	- 430	550	2,030	+ 240		95.9	
Nov. 1	- 480	500	2,080		- 50	95.4	
Dec. 1	+ 430	1,410	1,170	+ 910		104.1	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Rubber Products			
Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	+ 190	560	50		- 50	100.9
Feb. 1	+ 170	540	70		- 20	100.8
Mar. 1	+ 210	530	30	+ 40		101.0
Apr. 1	+ 100	470	140		-110	100.5
May 1	- 170	200	410		-270	99.2
June 1	- 180	190	420		- 10	99.1
July 1	- 150	220	390	+ 30		99.3
Aug. 1	Trough - 370	Trough 0	Trough 610		-220	98.2
Sep. 1	- 210	160	450	+160		99.0
Oct. 1	+ 90	460	150	+300		100.4
Nov. 1	+ 100	470	140	+ 10		100.5
Dec. 1	Peak + 240	Peak 610	Peak 0	+140		101.1



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Leather Products		
Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
				Higher +      Lower -	
Jan. 1	Trough - 780	Trough 0	Trough 1,710	- 700	97.4
Feb. 1	+ 400	1,180	530	+1,180	101.3
Mar. 1	Peak + 930	Peak 1,710	Peak 0	+ 530	103.0
Apr. 1	+ 910	1,690	20	- 20	103.0
May 1	+ 550	1,330	380	- 360	101.8
June 1	- 250	530	1,180	- 800	99.2
July 1	- 450	330	1,380	- 200	98.5
Aug. 1	- 480	300	1,410	- 30	98.4
Sep. 1	- 180	600	1,110	+ 300	99.4
Oct. 1	- 150	630	1,080	+ 30	99.5
Nov. 1	- 380	400	1,310	- 230	98.8
Dec. 1	- 80	700	1,010	+ 300	99.7



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Canada Industry Boots and Shoes (except rubber)

Average Employment, 1947-51 = 19,300 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 20,800 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 5.8%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +		
Jan. 1	- 410	110	1,000		- 100	97.9
Feb. 1	+ 290	810	300	+ 700		101.5
Mar. 1	+ 540	1,060	50	+ 250		102.8
Apr. 1	Peak + 590	Peak 1,110	Peak 0	+ 50		103.1
May 1	+ 460	980	130		- 130	102.4
June 1	- 80	440	670		- 540	99.6
July 1	- 230	290	820		- 150	98.8
Aug. 1	- 160	360	750	+ 70		99.2
Sep. 1	+ 50	570	540	+ 210		100.3
Oct. 1	- 160	360	750		- 210	99.2
Nov. 1	Trough - 520	Trough 0	Trough 1,110		- 360	97.3
Dec. 1	- 310	210	900	+ 210		98.4



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Other Leather Products

Average Employment, 1947-51= 11,300 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 12,200 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 6.5%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	Trough - 340	Trough 0	Trough 740		- 590	97.0
Feb. 1	+ 120	460	280	+ 460		101.1
Mar. 1	Peak + 400	Peak 740	Peak 0	+ 280		103.5
Apr. 1	+ 310	650	90		- 90	102.7
May 1	+ 80	420	320		- 230	100.7
June 1	- 180	160	580		- 260	98.4
July 1	- 280	60	680		- 100	97.5
Aug. 1	- 310	30	710		- 30	97.3
Sep. 1	- 210	130	610	+ 100		98.1
Oct. 1	+ 10	350	390	+ 220		100.1
Nov. 1	+ 160	500	240	+ 150		101.4
Dec. 1	+ 250	590	150	+ 90		102.2



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Textile Products (except clothing)

Average Employment, 1947-51 = 72,100 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 80,300 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 4.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+ 50	1,610	1,710		- 150	100.1	
Feb. 1	+ 590	2,150	1,170	+ 540		100.8	
Mar. 1	Peak + 1,760	Peak 3,320	Peak 0	+1,170		102.4	
Apr. 1	+ 1,710	3,270	50		- 50	102.4	
May 1	+ 680	2,240	1,080		- 1,030	100.9	
June 1	- 150	1,410	1,910		- 830	99.8	
July 1	- 680	880	2,440		- 530	99.1	
Aug. 1	Trough - 1,560	Trough 0	Trough 3,320		- 880	97.8	
Sep. 1	- 1,220	340	2,980	+ 340		98.3	
Oct. 1	- 980	580	2,740	+ 240		98.6	
Nov. 1	- 340	1,220	2,100	+ 640		99.5	
Dec. 1	+ 200	1,760	1,560	+ 540		100.3	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea	Canada	Industry	Cotton Yarn and Broad Woven Goods		
Average Employment, 1947-51= 24,800 (D.B.S., Employment and Payrolls)					
Average Employment, 1950 = 28,400 (D.B.S., Census of Industry)					
Amplitude of Seasonal Employment Variations = 4.4%					
Date	Averages for the Years 1947 to 1951				
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
				Higher + Lower -	Seasonal Index
Jan. 1	- 40	490	610	+ 110	99.8
Feb. 1	+ 380	910	190	+ 420	101.5
Mar. 1	Peak + 570	Peak 1,100	Peak 0	+ 190	102.3
Apr. 1	+ 500	1,030	70	- 70	102.0
May 1	+ 320	850	250	- 180	101.3
June 1	+ 60	590	510	- 260	100.2
July 1	- 130	400	700	- 190	99.5
Aug. 1	- 290	240	860	- 160	98.8
Sep. 1	Trough - 530	Trough 0	Trough 1,100	- 240	97.9
Oct. 1	- 420	110	990	+ 110	98.3
Nov. 1	- 290	240	260	+ 130	98.8
Dec. 1	- 150	380	720	+ 140	99.4



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Woollen Goods			
Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	0	410	460		- 100	100.0
Feb. 1	+ 310	720	150	+ 310		102.1
Mar. 1	Peak + 460	Peak 870	Peak 0	+ 150		103.1
Apr. 1	+ 430	840	30		- 30	102.9
May 1	+ 170	580	290		- 260	101.2
June 1	0	410	460		- 170	100.0
July 1	- 140	270	600		- 140	99.1
Aug. 1	Trough - 410	Trough 0	Trough 870		- 270	97.2
Sep. 1	- 260	150	720	+ 150		98.2
Oct. 1	- 350	60	810		- 90	97.6
Nov. 1	- 260	150	720	+ 90		98.2
Dec. 1	+ 100	510	360	+ 360		100.7



Based on D.B.S. Employment Indexes

Area Canada Industry Synthetic Textiles and Silk

Average Employment, 1947-51 = 16,200 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 18,000 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 3.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 30	270	320	+ 30		99.8	
Feb. 1	+ 100	400	190	+ 130		100.6	
Mar. 1	+ 270	570	20	+ 170		101.6	
Apr. 1	Peak + 290	Peak 590	Peak 0	+ 20		101.8	
May 1	+ 160	460	130		- 130	101.0	
June 1	- 60	240	350		- 220	99.6	
July 1	- 180	120	470		- 120	98.9	
Aug. 1	Trough - 300	Trough 0	Trough 590		- 120	98.2	
Sep. 1	- 140	160	430	+ 160		99.1	
Oct. 1	- 30	270	320	+ 110		99.8	
Nov. 1	+ 20	320	270	+ 50		100.1	
Dec. 1	- 60	240	350		- 80	99.6	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Clothing (textile and fur)

Average Employment, 1947-51= 93,900 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 116,200 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 7.4%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 2,260	1,580	5,350		- 2,600	97.6	
Feb. 1	+ 1,580	5,420	1,510	+ 3,840		101.7	
Mar. 1	+ 2,750	6,590	340	+ 1,170		102.9	
Apr. 1	Peak + 3,090	Peak 6,930	Peak 0	+ 340		103.3	
May 1	+ 2,060	5,900	1,030		- 1,030	102.2	
June 1	+ 70	3,910	3,020		- 1,990	100.1	
July 1	- 1,580	2,260	4,670		- 1,650	98.3	
Aug. 1	Trough - 3,840	Trough 0	Trough 6,930		- 2,260	95.9	
Sep. 1	- 2,200	1,640	5,290	+ 1,640		97.7	
Oct. 1	- 480	3,360	3,570	+ 1,720		99.5	
Nov. 1	+ 480	4,320	2,610	+ 960		100.5	
Dec. 1	+ 340	4,180	2,750		- 140	100.4	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Men's Clothing

Average Employment, 1947-51= 30,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 32,900 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 5.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Trough - 920	Trough 0	Trough 1,600		- 1,020	97.0	
Feb. 1	+ 230	1,150	450	+ 1,150		100.8	
Mar. 1	+ 440	1,360	240	+ 210		101.4	
Apr. 1	Peak + 680	Peak 1,600	Peak 0	+ 240		102.2	
May 1	+ 610	1,530	70		- 70	102.0	
June 1	+ 380	1,300	300		- 230	101.3	
July 1	+ 70	990	610		- 310	100.2	
Aug. 1	- 750	170	1,430		- 820	97.5	
Sep. 1	- 530	390	1,210	+ 220		98.3	
Oct. 1	- 290	630	970	+ 240		99.0	
Nov. 1	+ 10	930	670	+ 300		100.0	
Dec. 1	+ 100	1,020	580	+ 90		100.3	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Women's Clothing

Average Employment, 1947-51= 21,800 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 29,000 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 13.2%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	- 830	690	2,180		- 520	96.2
Feb. 1	+ 610	2,130	740	+ 1,440		102.8
Mar. 1	+ 1,160	2,680	190	+ 550		105.3
Apr. 1	Peak + 1,350	Peak 2,870	Peak 0	+ 190		106.2
May 1	+ 920	2,440	430		- 430	104.2
June 1	- 160	1,360	1,510		- 1,080	99.3
July 1	- 980	540	2,330		- 820	95.5
Aug. 1	Trough - 1,520	Trough 0	Trough 2,870		- 540	93.0
Sep. 1	- 580	940	1,930	+ 940		97.3
Oct. 1	+ 150	1,670	1,200	+ 730		100.7
Nov. 1	+ 240	1,760	1,110	+ 90		101.1
Dec. 1	- 310	1,210	1,660		- 550	98.6



Based on D.B.S. Employment Indexes

Area Canada Industry Knit Goods

Average Employment, 1947-51 = 24,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 25,300 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 7.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	+ 60	1,180	710		- 450	100.2	
Feb. 1	+ 670	1,790	100	+ 610		102.7	
Mar. 1	Peak + 770	Peak 1,890	Peak 0	+ 100		103.1	
Apr. 1	+ 630	1,750	140		- 140	102.6	
May 1	+ 290	1,410	480		- 340	101.1	
June 1	- 100	1,020	870		- 390	99.6	
July 1	- 530	590	1,300		- 430	97.9	
Aug. 1	Trough - 1,120	Trough 0	Trough 1,890		- 590	95.5	
Sep. 1	- 860	260	1,630	+ 260		96.5	
Oct. 1	- 410	710	1,180	+ 450		98.3	
Nov. 1	+ 140	1,260	630	+ 550		100.6	
Dec. 1	+ 510	1,630	260	+ 370		102.1	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Fur Goods

Average Employment, 1947-51 = 4,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 8,000 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 7.6%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 50	150	180		- 180	98.9
Feb. 1	Trough - 200	Trough 0	Trough 330		- 150	95.4
Mar. 1	- 110	90	240	+ 90		97.5
Apr. 1	- 60	140	190	+ 50		98.6
May 1	+ 30	230	100	+ 90		100.7
June 1	+ 110	310	20	+ 80		102.5
July 1	+ 50	250	80		- 60	101.1
Aug. 1	- 40	160	170		- 90	99.1
Sep. 1	- 50	150	180		- 10	98.9
Oct. 1	+ 50	250	80	+ 100		101.1
Nov. 1	+ 120	320	10	+ 70		102.7
Dec. 1	Peak + 130	Peak 330	Peak 0	+ 10		103.0



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea. Canada Industry Hats and Caps

Average Employment, 1947-51 = 4,300 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 4,800 (D.B.S., Census of Industry)

Amplitude of Seasonal Employment Variations = 8.4%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	Trough - 180	Trough 0	Trough 360		- 60	95.8
Feb. 1	+ 100	280	80	+ 280		102.3
Mar. 1	Peak + 180	Peak 360	Peak 0	+ 80		104.2
Apr. 1	+ 170	350	10		- 10	104.0
May 1	+ 100	280	80		- 70	102.3
June 1	0	180	180		- 100	100.0
July 1	- 110	70	290		- 110	97.4
Aug. 1	- 100	80	280	+ 10		97.7
Sep. 1	+ 10	190	170	+ 110		100.2
Oct. 1	0	180	180		- 10	100.0
Nov. 1	- 50	130	230		- 50	98.8
Dec. 1	- 120	60	300		- 70	97.2



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Wood Products			
Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	Higher +	Lower -
Jan. 1	Trough -4,370	Trough 0	Trough 9,490		-2,920	94.8
Feb. 1	Trough -4,370	Trough 0	Trough 9,490	No Change		94.8
Mar. 1	-3,680	690	8,800	+ 690		95.6
Apr. 1	-2,740	1,630	7,860	+ 940		96.7
May 1	-2,740	1,630	7,860	No Change		96.7
June 1	+ 980	5,350	4,140	+3,720		101.2
July 1	+4,030	8,400	1,090	+3,050		104.8
Aug. 1	Peak +5,120	Peak 9,490	Peak 0	+1,090		106.1
Sep. 1	+4,830	9,200	290		- 290	105.7
Oct. 1	+2,850	7,220	2,270		-1,980	103.4
Nov. 1	+1,510	5,880	3,610		-1,340	101.8
Dec. 1	-1,450	2,920	6,570		-2,960	98.3



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Saw and Planing Mills

Average Employment, 1947-51 = 50,900 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 36,100 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 18.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	Trough - 4,250	Trough 0	Trough 9,270		- 2,150	91.7	
Feb. 1	- 4,070	180	9,090	+ 180		92.0	
Mar. 1	- 3,540	710	8,560	+ 530		93.0	
Apr. 1	- 2,720	1,530	7,740	+ 320		94.7	
May 1	- 2,480	1,770	7,500	+ 240		95.1	
June 1	+ 1,110	5,360	3,910	+3,590		102.2	
July 1	+ 3,880	3,130	1,140	+2,770		107.6	
Aug. 1	Peak + 5,020	Peak 9,270	Peak 0	+1,440		109.9	
Sep. 1	+ 4,760	9,010	260		- 260	109.3	
Oct. 1	+ 3,200	7,450	1,820		- 1,560	106.3	
Nov. 1	+ 1,140	5,390	3,880		- 2,060	102.2	
Dec. 1	- 2,100	2,150	7,120		- 3,240	95.9	



Based on D.B.S. Employment Indexes

Area	Canada	Industry	Furniture
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Average Employment, 1947-51 = 20,100 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 27,300 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 5.5%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+390	940	170	+ 60		101.9	
Feb. 1	Peak +560	Peak 1,110	Peak 0	+170		102.8	
Mar. 1	+550	1,100	10		- 10	102.7	
Apr. 1	+390	940	170		-160	101.9	
May 1	- 20	530	580		-410	99.9	
June 1	-230	320	790		-210	98.9	
July 1	-390	160	950		-160	98.1	
Aug. 1	Trough -550	Trough 0	Trough 1,110		-160	97.3	
Sep. 1	-480	70	1,040	+ 70		97.6	
Oct. 1	-380	170	940	+100		98.1	
Nov. 1	-120	430	680	+260		99.4	
Dec. 1	+330	880	230	+450		101.6	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Other Wood Products

Average Employment, 1947-51 = 12,800 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 12,800 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 9.7%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	-440	320	930		-550	96.6	
Feb. 1	Trough -760	Trough 0	Trough 1,250		-320	94.1	
Mar. 1	-570	190	1,060	+190		95.6	
Apr. 1	-360	400	850	+210		97.2	
May 1	-230	530	720	+130		98.2	
June 1	+ 90	850	400	+320		100.7	
July 1	+420	1,180	70	+330		103.3	
Aug. 1	+450	1,210	40	+ 30		103.5	
Sep. 1	Peak +490	Peak 1,250	Peak 0	+ 40		103.8	
Oct. 1	+430	1,190	60		- 60	103.3	
Nov. 1	+370	1,130	120		- 60	102.9	
Dec. 1	+110	870	380		-260	100.9	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Paper Products

Average Employment, 1947-51 = 71,900 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 77,500 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 7.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-2,040	290	4,740		-1,770	97.2	
Feb. 1	-2,170	160	4,870		- 130	97.0	
Mar. 1	Trough -2,330	Trough 0	Trough 5,030		- 160	96.8	
Apr. 1	-2,250	80	4,950	+ 80		96.9	
May 1	-1,630	700	4,330	+ 620		97.7	
June 1	+ 230	2,560	2,470	+1,860		100.3	
July 1	+2,170	4,500	530	+1,940		103.0	
Aug. 1	+2,410	4,740	290	+ 240		103.4	
Sep. 1	Peak +2,700	Peak 5,030	Peak 0	+ 290		103.8	
Oct. 1	+2,120	4,450	580		- 580	103.0	
Nov. 1	+1,090	3,420	1,610		-1,030	101.5	
Dec. 1	- 270	2,060	2,970		-1,360	99.6	



Based on D.B.S. Employment Indexes

Area Canada

Industry Pulp and Paper Mills

Average Employment, 1947-51 = 50,600 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 52,300 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 9.9%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 2,090	190	4,840		- 1,530	95.9	
Feb. 1	Trough - 2,230	Trough 0	Trough 5,030		- 190	95.5	
Mar. 1	Trough - 2,230	Trough 0	Trough 5,030	No Change		95.5	
Apr. 1	- 2,060	220	4,810	+ 220		95.9	
May 1	- 1,330	950	4,080	+ 730		97.4	
June 1	+ 540	2,820	2,210	+ 1,870		101.1	
July 1	+ 2,230	4,510	520	+ 1,690		104.4	
Aug. 1	Peak + 2,750	Peak 5,030	Peak 0	+ 520		105.4	
Sep. 1	+ 2,690	4,970	60		- 60	105.3	
Oct. 1	+ 1,770	4,050	980		- 920	103.5	
Nov. 1	+ 660	2,940	2,090		- 1,110	101.3	
Dec. 1	- 560	1,720	3,310		- 1,220	98.9	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Other Paper Products			
Average Employment, 1947-51 = 21,100 (D.B.S., Employment and Payrolls)						
Average Employment, 1950 = 25,200 (D.B.S., Census of Industry and Merchandising)						
Amplitude of Seasonal Employment Variations = 3.7%						
Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 150	170	620		- 470	99.3
Feb. 1	- 40	280	510	+ 110		99.8
Mar. 1	- 150	170	620		- 110	99.3
Apr. 1	- 220	100	690		- 70	99.0
May 1	Trough - 320	Trough 0	Trough 790		- 100	98.5
June 1	- 280	40	750	+ 40		98.7
July 1	+ 90	410	380	+ 370		100.4
Aug. 1	- 210	110	680		- 300	99.0
Sep. 1	+ 130	450	340	+ 340		100.6
Oct. 1	+ 400	720	70	+ 270		101.9
Nov. 1	Peak + 470	Peak 790	Peak 0	+ 70		102.2
Dec. 1	+ 320	640	150		- 150	101.5



Based on D.B.S. Employment Indexes

Area	Canada	Printing, Publishing and Allied Industry Industries
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Average Employment, 1947-51 = 43,500 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 58,500 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 1.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-10	290	290		-290	100.0	
Feb. 1	+220	520	60	+230		100.5	
Mar. 1	+190	490	90		-30	100.4	
Apr. 1	-210	90	490		-400	99.5	
May 1	-240	60	520		-30	99.4	
June 1	-150	150	430	+ 90		99.7	
July 1	Peak +280	Peak 580	Peak 0	+430		100.6	
Aug. 1	+ 80	380	200		-200	100.2	
Sep. 1	Trough -300	Trough 0	Trough 580		-380	99.3	
Oct. 1	-240	60	520	+ 60		99.4	
Nov. 1	+110	410	170	+350		100.3	
Dec. 1	Peak +280	Peak 580	Peak 0	+170		100.6	



Based on D.B.S. Employment Indexes

Area Canada Industry Iron and Steel Products

Average Employment, 1947-51 = 159,300 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 164,500 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 1.1%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	- 880	140	1,720		-1,000 99.5	
Feb. 1	+ 270	1,290	570	+1,150		100.2
Mar. 1	+ 340	1,360	500	+ 70		100.2
Apr. 1	Peak + 840	Peak 1,860	Peak 0	+ 500		100.5
May 1	+ 340	1,360	500		- 500 100.2	
June 1	+ 120	1,140	720		- 220 100.1	
July 1	+ 700	1,720	140	+ 580		100.4
Aug. 1	Trough -1,020	Trough 0	Trough 1,860		-1,720 99.4	
Sep. 1	- 160	860	1,000	+ 860		99.9
Oct. 1	- 240	780	1,080		- 80 99.8	
Nov. 1	- 450	570	1,290		- 210 99.7	
Dec. 1	+ 120	1,140	720	+ 570		100.1



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Agricultural Implements

Average Employment, 1947-51 = 17,100 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 16,200 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 9.1%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 390	480	1,080	+ 270		97.7	
Feb. 1	+ 30	900	660	+ 420		100.2	
Mar. 1	+ 330	1,200	360	+ 300		101.9	
Apr. 1	+ 670	1,540	20	+ 340		103.9	
May 1	Peak + 690	Peak 1,560	Peak 0	+ 20		104.0	
June 1	+ 580	1,450	110		- 110	103.4	
July 1	+ 440	1,310	250		- 140	102.6	
Aug. 1	+ 110	980	580		- 330	100.6	
Sep. 1	- 270	600	960		- 380	98.4	
Oct. 1	- 640	230	1,330		- 370	96.3	
Nov. 1	Trough - 870	Trough 0	Trough 1,560		- 230	94.9	
Dec. 1	- 660	210	1,350	+ 210		96.1	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada

Industry Boilers and Plate Work

Average Employment, 1947-51 = 5,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 6,200 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 4.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+100	210	10		-10	101.8	
Feb. 1	+ 50	160	60		-50	100.9	
Mar. 1	- 40	70	150		-90	99.3	
Apr. 1	- 50	60	160		-10	99.1	
May 1	- 80	30	190		-30	98.5	
June 1	- 70	40	180	+ 10		98.7	
July 1	- 70	40	180	No Change		98.7	
Aug. 1	Trough -110	Trough 0	Trough 220		-40	98.0	
Sep. 1	+ 20	130	90	+130		100.4	
Oct. 1	+ 50	160	60	+ 30		100.9	
Nov. 1	+ 80	190	30	+ 30		101.5	
Dec. 1	Peak +110	Peak 220	Peak 0	+ 30		102.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Fabricated and Structural Steel

Average Employment, 1947-51 = 7,200 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 7,400 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 4.5%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Trough -150	Trough 0	Trough 320		-220	97.9	
Feb. 1	-130	20	300	+ 20		98.2	
Mar. 1	-110	40	280	+ 20		98.5	
Apr. 1	-110	40	280	No Change		98.5	
May 1	-130	20	300		- 20	98.2	
June 1	- 60	90	230	+ 70		99.2	
July 1	+110	260	60	+170		101.5	
Aug. 1	Peak +170	Peak 320	Peak 0	+ 60		102.4	
Sep. 1	+130	280	40		- 40	101.8	
Oct. 1	+ 90	240	80		- 40	101.3	
Nov. 1	+120	270	50	+ 30		101.7	
Dec. 1	+ 70	220	100		- 50	101.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Hardware and Tools

Average Employment, 1947-51 = 11,900 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 12,500 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 3.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+ 20	260	170		- 80	100.2	
Feb. 1	+100	340	90	+ 80		100.8	
Mar. 1	+130	370	60	+ 30		101.1	
Apr. 1	Peak +190	Peak 430	Peak 0	+ 60		101.6	
May 1	+ 70	310	120		-120	100.6	
June 1	- 80	160	270		-150	99.3	
July 1	- 90	150	280		- 10	99.2	
Aug. 1	Trough -240	Trough 0	Trough 430		-150	98.0	
Sep. 1	- 90	150	280	+150		99.2	
Oct. 1	- 70	170	260	+ 20		99.4	
Nov. 1	- 70	170	260	No Change		99.4	
Dec. 1	+100	340	90	+170		100.8	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Heating and Cooking Appliances

Average Employment, 1947-51 = 8,100 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 8,800 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 8.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+ 60	350	300		-300	100.7	
Feb. 1	+140	430	220	+ 80		101.7	
Mar. 1	- 10	280	370		-150	99.9	
Apr. 1	-110	180	470		-100	98.7	
May 1	-250	40	610		-140	96.9	
June 1	Trough -290	Trough 0	Trough 650		- 40	96.4	
July 1	-240	50	600	+ 50		97.0	
Aug. 1	-120	170	480	+120		98.5	
Sep. 1	- 30	260	390	+ 90		99.6	
Oct. 1	+160	450	200	+190		102.0	
Nov. 1	+330	620	30	+170		104.1	
Dec. 1	Peak +360	Peak 650	Peak 0	+ 30		104.4	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Iron Castings

Average Employment, 1947-51 = 19,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 23,400 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 5.2%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	-370	170	860		-500	98.1
Feb. 1	+400	940	90	+770		102.0
Mar. 1	+450	990	40	+ 50		102.3
Apr. 1	Peak +490	Peak 1,030	Peak 0	+ 40		102.5
May 1	+240	780	250		-250	101.2
June 1	+ 50	590	440		-190	100.3
July 1	-160	380	650		-210	99.2
Aug. 1	Trough -540	Trough 0	Trough 1,030		-380	97.3
Sep. 1	-380	160	870	+160		98.1
Oct. 1	-170	370	660	+210		99.1
Nov. 1	- 90	450	580	+ 80		99.5
Dec. 1	+130	670	360	+220		100.7



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Machinery Manufacturing

Average Employment, 1947-51 = 31,400 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 29,900 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 3.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+100	720	200		-200	100.3	
Feb. 1	+230	850	70	+130		100.7	
Mar. 1	+140	760	160		-90	100.4	
Apr. 1	+230	850	70	+90		100.7	
May 1	+230	850	70	No Change		100.7	
June 1	-10	610	310		-240	100.0	
July 1	-180	440	480		-170	99.4	
Aug. 1	Trough -620	Trough 0	Trough 920		-440	98.0	
Sep. 1	-460	160	760	+160		98.5	
Oct. 1	-30	590	330	+430		99.9	
Nov. 1	+80	700	220	+110		100.3	
Dec. 1	Peak +300	Peak 920	Peak 0	+220		101.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Primary Iron and Steel

Average Employment, 1947-51 = 30,300 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 29,100 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 3.7%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	-370	100	1,030		-220	98.8
Feb. 1	-310	160	970	+ 60		99.0
Mar. 1	Trough -470	Trough 0	Trough 1,130		-160	98.5
Apr. 1	-440	30	1,100	+ 30		98.5
May 1	-240	230	900	+200		99.2
June 1	+260	730	400	+500		100.9
July 1	+530	1,000	130	+270		101.7
Aug. 1	+340	810	320		-190	101.1
Sep. 1	Peak +660	Peak 1,130	Peak 0	+320		102.2
Oct. 1	+180	650	480		-480	100.6
Nov. 1	+ 60	530	600		-120	100.2
Dec. 1	-150	320	810		-210	99.5



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada

Industry Sheet Metal Products

Average Employment, 1947-51 = 15,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 17,000 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 4.8%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Trough -270	Trough 0	Trough 730		-250	98.2	
Feb. 1	-240	30	700	+ 30		98.4	
Mar. 1	-240	30	700	No Change		98.4	
Apr. 1	-190	80	650	+ 50		98.8	
May 1	-220	50	680		- 30	98.6	
June 1	- 20	250	480	+200		99.9	
July 1	+300	570	160	+320		101.9	
Aug. 1	+ 80	350	380		-220	100.5	
Sep. 1	Peak +460	Peak 730	Peak 0	+380		103.0	
Oct. 1	+320	590	140		-140	102.1	
Nov. 1	+ 20	290	440		-300	100.1	
Dec. 1	- 20	250	480		- 40	99.9	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Wire and Wire Products

Average Employment, 1947-51 = 6,100 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 8,300 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 2.5%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+10	70	80		-40	100.2	
Feb. 1	+20	80	70	+10		100.3	
Mar. 1	Peak +90	Peak 150	Peak 0	+70		101.5	
Apr. 1	+20	80	70		-70	100.3	
May 1	+20	80	70	No Change		100.3	
June 1	-20	40	110		-40	99.7	
July 1	-20	40	110	No Change		99.7	
Aug. 1	Trough -60	Trough 0	Trough 150		-40	99.0	
Sep. 1	-50	10	140	+10		99.2	
Oct. 1	Trough -60	Trough 0	Trough 150		-10	99.0	
Nov. 1	0	60	90	+60		100.0	
Dec. 1	+50	110	40	+50		100.8	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Transportation Equipment				
Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-1,440	1,910	2,520		-1,710	98.7	
Feb. 1	Trough -3,350	Trough 0	Trough 4,430		-1,910	97.0	
Mar. 1	- 330	3,020	1,410	+3,020		99.7	
Apr. 1	+ 20	3,370	1,060	+ 350		100.0	
May 1	+ 220	3,570	860	+ 200		100.2	
June 1	+ 670	4,020	410	+ 450		100.6	
July 1	+ 930	4,280	150	+ 260		100.8	
Aug. 1	+1,030	4,380	50	+ 100		100.9	
Sep. 1	+ 570	3,920	510		- 460	100.5	
Oct. 1	Peak +1,080	Peak 4,430	Peak 0	+ 510		101.0	
Nov. 1	+ 370	3,720	710		- 710	100.3	
Dec. 1	+ 270	3,620	810		- 100	100.2	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Aircraft and Parts

Average Employment, 1947-51 = 12,100 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 10,500 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 8.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+190	720	320	+ 80		101.6	
Feb. 1	+420	950	90	+230		103.5	
Mar. 1	Peak +510	Peak 1,040	Peak 0	+ 90		104.2	
Apr. 1	+320	850	190		-190	102.6	
May 1	+100	630	410		-220	100.8	
June 1	-260	270	770		-360	97.8	
July 1	-300	230	810		- 40	97.5	
Aug. 1	Trough -530	Trough 0	Trough 1,040		-230	95.6	
Sep. 1	-360	170	870	+170		97.0	
Oct. 1	-100	430	610	+260		99.2	
Nov. 1	- 80	450	590	+ 20		99.3	
Dec. 1	+110	640	400	+190		100.9	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Motor Vehicles

Average Employment, 1947-51 = 28,200 (D.B.S. Employment and Payrolls)

Average Employment, 1950 = 29,300 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 4.7%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-200	480	840		-210	99.3	
Feb. 1	Trough -680	Trough 0	Trough 1,320		-480	97.6	
Mar. 1	-260	420	900	+420		99.1	
Apr. 1	-630	50	1,270		-370	97.8	
May 1	-570	110	1,210	+ 60		98.0	
June 1	- 60	620	700	+510		99.8	
July 1	+610	1,290	30	+670		102.2	
Aug. 1	Peak +640	Peak 1,320	Peak 0	+ 30		102.3	
Sep. 1	+350	1,030	290		-290	101.2	
Oct. 1	+500	1,180	140	+150		101.8	
Nov. 1	+330	1,010	310		-170	101.2	
Dec. 1	+ 10	690	630		-320	100.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Motor Vehicle Parts and Accessories

Average Employment, 1947-51 = 18,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 19,700 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 4.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Trough -420	Trough 0	Trough 770		-110	97.7	
Feb. 1	-290	130	640	+130		98.4	
Mar. 1	-110	310	460	+180		99.4	
Apr. 1	+ 20	440	330	+130		100.1	
May 1	+180	600	170	+160		101.0	
June 1	+280	700	70	+100		101.5	
July 1	Peak +350	Peak 770	Peak 0	+ 70		101.9	
Aug. 1	+200	620	150		-150	101.1	
Sep. 1	+ 90	510	260		-110	100.5	
Oct. 1	0	420	350		- 90	100.0	
Nov. 1	+ 20	440	330	+ 20		100.1	
Dec. 1	-310	110	660		-330	98.3	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada

Industry Railroad and Rolling Stock Equipment

Average Employment, 1947-51 = 34,200 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 29,300 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 3.0%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +		
Jan. 1	+390	720	310		-310	101.1
Feb. 1	-220	110	920		-610	99.4
Mar. 1	-220	110	920	No Change		99.4
Apr. 1	-220	110	920	No Change		99.4
May 1	-200	130	900	+ 20		99.4
June 1	-100	230	800	+100		99.7
July 1	-220	110	920		-120	99.4
Aug. 1	-100	230	800	+120		99.7
Sep. 1	Trough -330	Trough 0	Trough 1,030		-230	99.0
Oct. 1	+310	640	390	+640		100.9
Nov. 1	+270	600	430		- 40	100.8
Dec. 1	Peak +700	Peak 1,030	Peak 0	+430		102.0



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Shipbuilding and Repairing

Average Employment, 1947-51 = 18,400 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 11,500 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 15.1%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	Trough - 1,760	Trough 0	Trough 2,770		- 1,300	90.4	
Feb. 1	- 1,270	490	2,280	+ 490		93.1	
Mar. 1	- 410	1,350	1,420	+ 860		97.8	
Apr. 1	+ 420	2,180	590	+ 830		102.3	
May 1	+ 430	2,190	580	+ 10		102.3	
June 1	+ 520	2,280	490	+ 90		102.8	
July 1	+ 380	2,140	630		- 140	102.1	
Aug. 1	+ 630	2,390	380	+ 250		103.4	
Sep. 1	Peak + 1,010	Peak 2,770	Peak 0	+ 380		105.5	
Oct. 1	+ 440	2,200	570		- 570	102.4	
Nov. 1	+ 50	1,810	960		- 390	100.3	
Dec. 1	- 460	1,300	1,470		- 510	97.5	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Non-Ferrous Metal Products

Average Employment, 1947-51 = 45,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 44,700 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 1.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Trough -470	Trough 0	Trough 740		-520	99.0	
Feb. 1	-210	260	480	+260		99.5	
Mar. 1	+ 10	480	260	+220		100.0	
Apr. 1	Peak +270	Peak 740	Peak 0	+260		100.6	
May 1	+230	700	40		- 40	100.5	
June 1	+ 50	520	220		-180	100.1	
July 1	+100	570	170	+ 50		100.2	
Aug. 1	- 30	440	300		-130	99.9	
Sep.	+100	570	170	+130		100.2	
Oct. 1	-120	350	390		-220	99.7	
Nov. 1	+ 10	480	260	+130		100.0	
Dec. 1	+ 50	520	220	+ 40		100.1	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Aluminum Products

Average Employment, 1947-51 = 6,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 5,400 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 5.5%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Trough -190	Trough 0	Trough 350		-100	97.0	
Feb. 1	-130	60	290	+ 60		98.0	
Mar. 1	- 80	110	240	+ 50		98.8	
Apr. 1	+ 40	230	120	+120		100.6	
May 1	+130	320	30	+ 90		102.0	
June 1	+120	310	40		- 10	101.9	
July 1	Peak +160	Peak 350	Peak 0	+ 40		102.5	
Aug. 1	+ 80	270	80		- 80	101.2	
Sep. 1	+ 30	220	130		- 50	100.5	
Oct. 1	- 40	150	200		- 70	99.4	
Nov. 1	- 10	180	170	+ 30		99.8	
Dec. 1	- 90	100	250		- 80	98.6	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Brass and Copper Products

Average Employment, 1947-51 = 10,300 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 8,900 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 4.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	0	230	220		- 70	100.0	
Feb. 1	+140	370	80	+140		101.4	
Mar. 1	Peak +220	Peak 450	Peak 0	+ 80		102.1	
Apr. 1	+190	420	30		- 30	101.9	
May 1	+200	430	20	+ 10		101.9	
June 1	- 50	180	270		-250	99.5	
July 1	-190	40	410		-140	98.1	
Aug. 1	Trough -230	Trough 0	Trough 450		- 40	97.8	
Sep. 1	-150	80	370	+ 80		98.5	
Oct. 1	-150	80	370		No Change	98.5	
Nov. 1	- 60	170	280	+ 90		99.4	
Dec. 1	+ 70	300	150	+130		100.7	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Smelting and Refining
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Average Employment, 1947-51 = 18,500 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 19,900 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 5.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Trough -540	Trough 0	Trough 980		-110	97.1	
Feb. 1	- 40	500	480	+500		99.8	
Mar. 1	+ 40	580	400	+ 80		100.2	
Apr. 1	- 40	500	480		- 80	99.8	
May 1	+ 40	580	400	+ 80		100.2	
June 1	+160	700	280	+120		100.9	
July 1	+350	890	90	+190		101.9	
Aug. 1	Peak +440	Peak 980	Peak 0	+ 90		102.4	
Sep. 1	+320	860	120		-120	101.7	
Oct. 1	0	540	440		-320	100.0	
Nov. 1	-270	270	710		-270	98.5	
Dec. 1	-430	110	870		-160	97.7	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Electrical Apparatus and Supplies

Average Employment, 1947-51 = 57,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 55,900 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 2.1%

Date Amplitude	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-30	760	450		-290	99.9	
Feb. 1	+110	900	310	+140		100.2	
Mar. 1	+200	990	220	+90		100.3	
Apr. 1	Peak +420	Peak 1,210	Peak 0	+220		100.7	
May 1	+260	1,050	160		-160	100.5	
June 1	+260	1,050	160	No Change		100.5	
July 1	+90	880	330		-170	100.2	
Aug. 1	Trough -790	Trough 0	Trough 1,210		-880	98.6	
Sep. 1	-610	180	1,030	+180		98.9	
Oct. 1	-150	640	570	+460		99.7	
Nov. 1	+30	820	390	+180		100.1	
Dec. 1	+260	1,050	160	+230		100.5	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Non-Metallic Mineral Products

Average Employment, 1947-51 = 24,800 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 29,600 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 7.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-830	80	1,660		-930	96.7	
Feb. 1	-680	230	1,510	+150		97.3	
Mar. 1	Trough -910	Trough 0	Trough 1,740		-230	96.3	
Apr. 1	-700	210	1,530	+210		97.2	
May 1	-220	690	1,050	+480		99.1	
June 1	+350	1,260	480	+570		101.4	
July 1	+720	1,630	110	+370		102.9	
Aug. 1	Peak +830	Peak 1,740	Peak 0	+110		103.3	
Sep. 1	+710	1,620	120		-120	102.9	
Oct. 1	+450	1,360	380		-260	101.8	
Nov. 1	+200	1,110	630		-250	100.8	
Dec. 1	+100	1,010	730		-100	100.4	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Clay Products

Average Employment, 1947-51 = 5,500 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 6,000 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 11.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	-220	120	490		-250	96.0	
Feb. 1	-270	70	540		- 50	95.1	
Mar. 1	Trough -340	Trough 0	Trough 610		- 70	93.9	
Apr. 1	-240	100	510	+100		95.7	
May 1	-170	170	440	+ 70		96.9	
June 1	+110	450	160	+280		102.0	
July 1	Peak +270	Peak 610	Peak 0	+160		104.9	
Aug. 1	+240	580	30		- 30	104.3	
Sep. 1	+260	600	10	+ 20		104.7	
Oct. 1	+220	560	50		- 40	104.0	
Nov. 1	+120	460	150		-100	102.2	
Dec. 1	+ 30	370	240		- 90	100.5	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Glass and Glass Products
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Average Employment, 1947-51 = 6,900 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 6,400 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 6.4%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Trough -180	Trough 0	Trough 440		- 60	97.4	
Feb. 1	-120	60	380	+ 60		98.2	
Mar. 1	-150	30	410		- 30	97.8	
Apr. 1	- 60	120	320	+ 90		99.1	
May 1	+100	280	160	+160		101.5	
June 1	+130	310	130	+ 30		101.9	
July 1	Peak +260	Peak 440	Peak 0	+130		103.8	
Aug. 1	+190	370	70		- 70	102.8	
Sep. 1	+ 90	270	170		-100	101.3	
Oct. 1	- 50	130	310		-140	99.3	
Nov. 1	-100	80	360		- 50	98.5	
Dec. 1	-120	60	380		- 20	98.2	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Products of Petroleum and Coal

Average Employment, 1947-51 = 10,000 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 15,200 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 6.1%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-170	130	480		- 60	98.3	
Feb. 1	Trough -300	Trough 0	Trough 610		-130	97.0	
Mar. 1	-210	90	520	+ 90		97.9	
Apr. 1	-150	150	460	+ 60		98.5	
May 1	- 90	210	400	+ 60		99.1	
June 1	+130	430	180	+220		101.3	
July 1	+240	540	70	+110		102.4	
Aug. 1	Peak +310	Peak 610	Peak 0	+ 70		103.1	
Sep. 1	+260	560	50		- 50	102.6	
Oct. 1	+ 90	390	220		-170	100.9	
Nov. 1	- 50	250	360		-140	99.5	
Dec. 1	-110	190	420		- 60	98.9	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area \_\_\_\_\_ Canada \_\_\_\_\_ Industry \_\_\_\_\_ Chemical Products \_\_\_\_\_

Average Employment, 1947-51= 45,600 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 42,200 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 2.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Trough -720	Trough 0	Trough 1,160		-750	98.4	
Feb. 1	-420	300	860	+300		99.1	
Mar. 1	-370	350	810	+ 50		99.2	
Apr. 1	-180	540	620	+190		99.6	
May 1	+ 80	800	360	+260		100.2	
June 1	+310	1,030	130	+230		100.7	
July 1	Peak +440	Peak 1,160	Peak 0	+130		101.0	
Aug. 1	+180	900	260		-260	100.4	
Sep. 1	+180	900	260	No Change		100.4	
Oct. 1	+180	900	260	No Change		100.4	
Nov. 1	+270	990	170	+ 90		100.6	
Dec. 1	+ 30	750	410		-240	100.1	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Medicinal and Pharmaceutical

Canada

Industry

Preparations

Area

Average Employment, 1947-51 = 7,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 7,500 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 1.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-40	20	100		- 80	99.5	
Feb. 1	0	60	60	+40		100.0	
Mar. 1	-10	50	70		- 10	99.9	
Apr. 1	-20	40	80		- 10	99.7	
May 1	+10	70	50	+30		100.1	
June 1	-10	50	70		- 20	99.9	
July 1	+40	100	20	+50		100.5	
Aug. 1	Trough -60	Trough 0	Trough 120		-100	99.2	
Sep. 1	-10	50	70	+50		99.9	
Oct. 1	+20	80	40	+30		100.3	
Nov. 1	Peak +60	Peak 120	Peak 0	+40		100.8	
Dec. 1	+40	100	20		- 20	100.5	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Acids, Alkalies and Salts

Average Employment, 1947-51 = 6,100 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 6,000 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 5.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Trough -150	Trough 0	Trough 320		-100	97.5	
Feb. 1	- 80	70	250	+ 70		98.7	
Mar. 1	- 80	70	250	No Change		98.7	
Apr. 1	- 60	90	230	+ 20		99.0	
May 1	- 60	90	230	No Change		99.0	
June 1	+ 50	200	120	+110		100.8	
July 1	Peak +170	Peak 320	Peak 0	+120		102.8	
Aug. 1	+ 80	230	90		- 90	101.3	
Sep. 1	+140	290	30	+ 60		102.3	
Oct. 1	+ 70	220	100		- 70	101.1	
Nov. 1	- 30	120	200		-100	99.5	
Dec. 1	- 50	100	220		- 20	99.2	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Miscellaneous Manufacturing Industry	Industries
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Average Employment, 1947-51 = 12,100 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 10.8%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-100	600	700		-700	99.2	
Feb. 1	+200	900	400	+300		101.7	
Mar. 1	+110	810	490		-90	100.9	
Apr. 1	-50	650	650		-160	99.6	
May 1	-210	490	810		-160	98.3	
June 1	-370	330	970		-160	96.9	
July 1	-480	220	1,080		-110	96.0	
Aug. 1	Trough -700	Trough 0	Trough 1,300		-220	94.2	
Sep. 1	+30	730	570	+730		100.2	
Oct. 1	+340	1,040	260	+310		102.8	
Nov. 1	+590	1,290	10	+250		104.9	
Dec. 1	Peak +600	Peak 1,300	Peak 0	+10		105.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Construction			
Average Employment, 1947-51 = 190,700 (D.B.S., Employment and Payrolls)						
Average Employment, 1950 = 383,500 (D.B.S., Census of Industry and Merchandising)						
Amplitude of Seasonal Employment Variations = 38.6%						
Date	Seasonal Employment Variations	Averages for the Years 1947 to 1951				Seasonal Index
		Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	-21,040	19,780	53,830		-36,930	89.0
Feb. 1	-34,230	6,590	67,020		-13,190	82.1
Mar. 1	Trough -40,820	Trough 0	Trough 73,610		- 6,590	78.6
Apr. 1	-36,860	3,960	69,650	+ 3,960		80.7
May 1	-19,360	21,460	52,150	+17,500		89.9
June 1	+ 1,860	42,680	30,930	+21,220		101.0
July 1	+16,600	57,420	16,190	+14,740		108.7
Aug. 1	+29,430	70,250	3,360	+12,830		115.4
Sep. 1	Peak +32,790	Peak 73,610	Peak 0	+ 3,360		117.2
Oct. 1	+29,790	70,610	3,000		- 3,000	115.6
Nov. 1	+25,960	66,780	6,830		- 3,830	113.6
Dec. 1	+15,890	56,710	16,900		-10,070	108.3



Based on D.B.S. Employment Indexes

Area Canada Industry Buildings and Structures

Average Employment, 1947-51 = 115,900 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 24.3%

Date	Seasonal Employment Variations	Averages for the Years 1947 to 1951				Seasonal Index
		Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding	Higher + Lower -	
Jan. 1	- 7,610	7,680	20,470		- 15,170	93.4
Feb. 1	-12,430	2,860	25,290		- 4,820	89.3
Mar. 1	Trough -15,290	Trough 0	Trough 28,150		- 2,860	86.8
Apr. 1	-13,670	1,620	26,530	+ 1,620		88.2
May 1	- 9,750	5,540	22,610	+ 3,920		91.6
June 1	- 1,420	13,870	14,280	+ 8,330		98.8
July 1	+ 5,460	20,750	7,400	+ 6,880		104.7
Aug. 1	+ 9,280	24,570	3,580	+ 3,820		108.0
Sep. 1	Peak +12,860	Peak 28,150	Peak 0	+ 3,580		111.1
Oct. 1	+12,480	27,770	380		- 380	110.8
Nov. 1	+12,520	27,810	340	+ 40		110.8
Dec. 1	+ 7,560	22,850	5,300		- 4,960	106.5



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Highways, Bridges and Streets
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Average Employment, 1947-51 = 76,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 60.6%

Date	Averages for the Years 1947 to 1951				Seasonal Index			
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month				
		Higher +	Lower -					
Jan. 1	-13,670	12,130	34,170		- 22,210	82.1		
Feb. 1	-21,960	3,840	42,460		- 8,290	71.2		
Mar. 1	Trough -25,800	Trough 0	Trough 46,300		- 3,840	66.2		
Apr. 1	-23,070	2,730	43,570	+ 2,730		69.8		
May 1	- 9,740	16,060	30,240	+13,330		87.3		
June 1	+ 3,160	28,960	17,340	+12,900		104.1		
July 1	+12,300	38,100	8,200	+ 9,140		116.1		
Aug. 1	Peak +20,500	Peak 46,300	Peak 0	+ 8,200		126.8		
Sep. 1	+19,310	45,110	1,190		- 1,190	125.3		
Oct. 1	+17,000	42,800	3,500		- 2,310	122.3		
Nov. 1	+13,410	39,210	7,090		- 3,590	117.6		
Dec. 1	+ 8,540	34,340	11,960		- 4,870	111.2		



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Transportation
Average Employment, 1947-51 = 239,700 (D.B.S., Employment and Payrolls)			
Average Employment, 1950 = 259,600 (D.B.S., Census of Industry and Merchandising)			
Amplitude of Seasonal Employment Variations = 9.3%			

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 5,360	5,830	16,450		-8,820	97.8
Feb. 1	-10,600	590	21,690		-5,240	95.6
Mar. 1	Trough -11,190	Trough 0	Trough 22,280		- 590	95.3
Apr. 1	- 9,700	1,490	20,790	+1,490		96.0
May 1	- 7,910	3,280	19,000	+1,790		96.7
June 1	+ 920	12,110	10,170	+8,830		100.4
July 1	+ 6,750	17,940	4,340	+5,830		102.8
Aug. 1	Peak +11,090	Peak 22,280	Peak 0	+4,340		104.6
Sep. 1	+ 9,890	21,080	1,200		-1,200	104.1
Oct. 1	+ 8,540	19,730	2,550		-1,350	103.6
Nov. 1	+ 4,060	15,250	7,030		-4,480	101.7
Dec. 1	+ 3,460	14,650	7,630		- 600	101.4



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Air Transport and Airports

Average Employment, 1947-51 = 5,900 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 6,600 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 1.8%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-30	20	80	+20		99.5	
Feb. 1	Peak +50	Peak 100	Peak 0	+80		100.9	
Mar. 1	+30	80	20		-20	100.5	
Apr. 1	+40	90	10	+10		100.7	
May 1	+20	70	30		-20	100.3	
June 1	-20	30	70		-40	99.7	
July 1	-10	40	60	+10		99.8	
Aug. 1	+20	70	30	+30		100.3	
Sep. 1	+20	70	30	No Change		100.3	
Oct. 1	-30	20	80		-50	99.5	
Nov. 1	-40	10	90		-10	99.3	
Dec. 1	Trough -50	Trough 0	Trough 100		-10	99.1	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Urban and Interurban Transportation

Average Employment, 1947-51 = 27,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 31,500 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 2.5%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+ 20	320	380		- 40	100.1	
Feb. 1	+ 30	330	370	+ 10		100.1	
Mar. 1	- 220	80	620		- 250	99.2	
Apr. 1	Trough - 300	Trough 0	Trough 700		- 80	98.9	
May 1	- 280	20	680	+ 20		99.0	
June 1	+ 130	430	270	+ 410		100.5	
July 1	Peak + 400	Peak 700	Peak 0	+ 270		101.4	
Aug. 1	+ 280	580	120		- 120	101.0	
Sep. 1	+ 130	430	270		- 150	100.5	
Oct. 1	0	300	400		- 130	100.0	
Nov. 1	- 270	30	670		- 270	99.0	
Dec. 1	+ 60	360	340	+ 330		100.2	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea \_\_\_\_\_ Canada \_\_\_\_\_ Industry \_\_\_\_\_ Steam Railways \_\_\_\_\_

verage Employment, 1947-51 = 161,700 (D.B.S., Employment and Payrolls)  
 verage Employment, 1950 = 184,300 (D.B.S., Census of Industry and Merchandising)  
 mplitude of Seasonal Employment Variations = 8.0%

Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
		Higher +	Lower -		
Jan. 1	-2,510	3,600	9,340		-2,020 98.4
Feb. 1	-3,780	2,330	10,610		-1,270 97.7
Mar. 1	-3,990	2,120	10,820		- 210 97.5
Apr. 1	-3,780	2,330	10,610	+ 210	97.7
May 1	Trough -6,110	Trough 0	Trough 12,940		-2,330 96.2
June 1	-1,870	4,240	8,700	+4,240	98.8
July 1	+2,270	8,380	4,560	+4,140	101.4
Aug. 1	+6,400	12,510	430	+4,130	104.0
Sep. 1	Peak +6,830	Peak 12,940	Peak 0	+ 430	104.2
Oct. 1	+4,920	11,030	1,910		-1,910 103.0
Nov. 1	+2,160	8,270	4,670		-2,760 101.3
Dec. 1	- 490	5,620	7,320		-2,650 99.7



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

area	Canada	Industry	Maintenance of Equipment			
verage Employment, 1947-51= 22,200 (D.B.S., Employment and Payrolls)						
verage Employment, 1950 = 46,900 (D.B.S., Census of Industry and Merchandising)						
mplitude of Seasonal Employment Variations - 2.7%						
Date	Averages for the Years 1947 to 1951					
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher + Lower -		
Jan. 1	+160	450	160	+360		100.7
Feb. 1	+190	480	130	+ 30		100.9
Mar. 1	+130	420	190		- 60	100.6
Apr. 1	Peak +320	Peak 610	Peak 0	+190		101.4
May 1	- 50	240	370		-370	99.8
June 1	-260	30	580		-210	98.8
July 1	- 50	240	370	+210		99.8
Aug. 1	+ 70	360	250	+120		100.3
Sep. 1	+ 50	340	270		- 20	100.2
Oct. 1	- 80	210	400		-130	99.6
Nov. 1	Trough -290	Trough 0	Trough 610		-210	98.7
Dec. 1	-200	90	520	+ 90		99.1



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada

Industry Maintenance of Ways and Structures

Average Employment, 1947-51 = 39,000 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 39,200 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 21.9%

Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
		Higher +	Lower -		
Jan. 1	-2,840	1,810	6,760		-2,720 92.7
Feb. 1	-2,590	2,060	6,510	+ 250	
Mar. 1	-1,820	2,830	5,740	+ 770	
Apr. 1	-2,210	2,440	6,130		- 390 94.3
May 1	Trough -4,650	Trough 0	Trough 8,570		-2,440 88.1
June 1	- 310	4,340	4,230	+4,340	
July 1	+1,830	6,480	2,090	+2,140	
Aug. 1	Peak +3,920	Peak 8,570	Peak 0	+2,090	
Sep. 1	+3,890	8,540	30		- 30 110.0
Oct. 1	+3,070	7,720	850		- 820 107.9
Nov. 1	+1,780	6,430	2,140		-1,290 104.6
Dec. 1	- 120	4,530	4,040		-1,900 99.7



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry Transportation-Steam Railways							
Average Employment, 1947-51 = 92,400 (D.B.S., Employment and Payrolls)									
Average Employment, 1950 = 90,000 (D.B.S., Census of Industry and Merchandising)									
Amplitude of Seasonal Employment Variations = 4.6%									
Date	Averages for the Years 1947 to 1951				Seasonal Index				
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month					
				Higher + Lower -					
Jan. 1	+ 370	2,460	1,780	+ 490	100.4				
Feb. 1	-1,350	740	3,500	-1,720	98.5				
Mar. 1	Trough -2,090	Trough 0	Trough 4,240	- 740	97.7				
Apr. 1	-1,780	310	3,930	+ 310	98.1				
May 1	-1,350	740	3,500	+ 430	98.5				
June 1	- 980	1,110	3,130	+ 370	98.9				
July 1	+ 490	2,580	1,660	+1,470	100.5				
Aug. 1	Peak +2,150	Peak 4,240	Peak 0	+1,660	102.3				
Sep. 1	+1,780	3,870	370	- 370	101.9				
Oct. 1	+2,090	4,180	60	+ 310	102.3				
Nov. 1	+ 800	2,890	1,350	-1,290	100.9				
Dec. 1	- 120	1,970	2,270	- 920	99.9				



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Telegraphs			
Average Employment, 1947-51 = 8,000 (D.B.S., Employment and Payrolls)						
Average Employment, 1950 = 8,200 (D.B.S., Census of Industry and Merchandising)						
Amplitude of Seasonal Employment Variations = 7.7%						
Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
Jan. 1	- 120	170	450		- 140	98.5
Feb. 1	- 180	110	510		- 60	97.8
Mar. 1	Trough - 290	Trough 0	Trough 620		- 110	96.4
Apr. 1	- 230	60	560	+ 60		97.1
May 1	- 220	70	550	+ 10		97.3
June 1	- 60	230	390	+ 160		99.3
July 1	+ 170	460	160	+ 230		102.1
Aug. 1	+ 320	610	10	+ 150		104.0
Sep. 1	Peak + 330	Peak 620	Peak 0	+ 10		104.1
Oct. 1	+ 200	490	130		- 130	102.5
Nov. 1	+ 90	380	240		- 110	101.1
Dec. 1	+ 20	310	310		- 70	100.2



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Truck Transportation

Average Employment, 1947-51 = 11,900 (D.R.S., Employment and Payrolls)

Average Employment, 1950 = 17,300 (D.B.S., Census of Industry and Merchandising)

Magnitude of Seasonal Employment Variations = 5.9%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 100	320	390		- 330	99.2	
Feb. 1	- 350	70	640		- 250	97.1	
Mar. 1	- 380	40	670		- 30	96.8	
Apr. 1	Trough - 420	Trough 0	Trough 710		- 40	96.5	
May 1	- 170	250	460	+ 250		98.6	
June 1	+ 20	440	270	+ 190		100.2	
July 1	+ 170	590	120	+ 150		101.4	
Aug. 1	+ 240	660	50	+ 70		102.0	
Sep. 1	+ 180	600	110		- 60	101.5	
Oct. 1	Peak + 290	Peak 710	Peak 0	+ 110		102.4	
Nov. 1	+ 280	700	10		- 10	102.3	
Dec. 1	+ 230	650	60		- 50	101.9	

\* Coverage of small operators is incomplete.



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada

Industry Water Transportation

Average Employment, 1947-51 = 29,500 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 19,900\* (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 35.6%

Date	Averages for the Years 1947 to 1951				Seasonal Index			
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month				
		Higher +	Lower -					
Jan. 1	- 2,560	4,010	6,430		- 4,870	91.3		
Feb. 1	Trough - 6,570	Trough 0	Trough 10,490		- 4,010	77.7		
Mar. 1	- 6,550	20	10,470	+ 20		77.3		
Apr. 1	- 4,990	1,580	8,910	+ 1,560		83.1		
May 1	- 430	6,090	4,400	+ 4,510		98.4		
June 1	+ 2,750	9,320	1,170	+ 3,230		109.3		
July 1	+ 3,760	10,330	160	+ 1,010		112.7		
Aug. 1	Peak + 3,920	Peak 10,490	Peak 0	+ 160		113.3		
Sep. 1	+ 3,500	10,070	420		- 420	111.9		
Oct. 1	+ 3,040	9,610	880		- 460	110.3		
Nov. 1	+ 1,890	8,460	2,030		- 1,150	106.4		
Dec. 1	+ 2,310	8,880	1,610	+ 420		107.8		

\* Covers only "for hire" water transportation.



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Storage  
 Average Employment, 1947-51 = 14,800 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 13.8%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 70	910	1,130		- 810	99.5	
Feb. 1	- 710	270	1,770		- 640	95.2	
Mar. 1	Trough - 980	Trough 0	Trough 2,040		- 270	93.4	
Apr. 1	- 870	110	1,930	+ 110		94.1	
May 1	- 400	580	1,460	+ 470		97.3	
June 1	- 90	890	1,150	+ 310		99.4	
July 1	- 70	910	1,130	+ 20		99.5	
Aug. 1	+ 210	1,190	850	+ 280		101.4	
Sep. 1	+ 240	1,220	820	+ 30		101.6	
Oct. 1	+ 930	1,910	130	+ 690		106.3	
Nov. 1	Peak +1,060	Peak 2,040	Peak 0	+ 130		107.2	
Dec. 1	+ 740	1,720	320		- 320	105.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Grain Elevators

Average Employment, 1947-51 = 11,200 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 14.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 50	720	850		- 640	99.6	
Feb. 1	- 570	200	1,370		- 520	94.9	
Mar. 1	Trough - 770	Trough 0	Trough 1,570		- 200	93.1	
Apr. 1	- 630	140	1,430	+ 140		94.4	
May 1	- 280	490	1,080	+ 350		97.5	
June 1	- 140	630	940	+ 140		98.8	
July 1	+ 70	840	730	+ 210		100.6	
Aug. 1	+ 80	850	720	+ 10		100.7	
Sep. 1	+ 170	940	630	+ 90		101.5	
Oct. 1	+ 760	1,530	40	+ 690		106.8	
Nov. 1	Peak + 800	Peak 1,570	Peak 0	+ 40		107.1	
Dec. 1	+ 590	1,360	210		- 310	105.3	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Canada Industry Storage and Warehouse

verage Employment, 1947-51 = 3,700 (D.B.S., Employment and Payrolls)  
 verage Employment, 1950 = 4,200 (D.B.S., Census of Industry and Merchandising)  
 mplitude of Seasonal Employment Variations = 15.9%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 80	190	400		- 240	97.8
Feb. 1	- 210	60	530		- 130	94.3
Mar. 1	- 250	20	570		- 40	93.2
Apr. 1	Trough - 270	Trough 0	Trough 590		- 20	92.7
May 1	- 130	140	450	+ 140		96.5
June 1	+ 70	340	250	+ 200		101.9
July 1	+ 20	290	300		- 50	100.5
Aug. 1	+ 100	370	220	+ 80		102.7
Sep. 1	+ 70	340	250		- 30	101.9
Oct. 1	+ 200	470	120	+ 130		105.4
Nov. 1	Peak + 320	Peak 590	Peak 0	+ 120		108.6
Dec. 1	+ 160	430	160		- 160	104.3



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Communication *
Average Employment, 1947-51 = 45,500 (D.B.S., Employment and Payrolls)			
Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)			
Amplitude of Seasonal Employment Variations = 5.5%			

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 580	400	2,060		- 390	98.7
Feb. 1	- 900	80	2,380		- 320	98.0
Mar. 1	Trough - 980	Trough 0	Trough 2,460		- 80	97.8
Apr. 1	- 790	190	2,270	+ 190		98.3
May 1	- 620	360	2,100	+ 170		98.6
June 1	+ 90	1,070	1,390	+ 710		100.2
July 1	+ 830	1,810	650	+ 740		101.8
Aug. 1	Peak + 1,480	Peak 2,460	Peak 0	+ 650		103.3
Sep. 1	+ 1,160	2,140	320		- 320	102.5
Oct. 1	+ 470	1,450	1,010		- 690	101.0
Nov. 1	+ 60	1,040	1,420		- 410	100.1
Dec. 1	- 190	790	1,670		- 250	99.6

\* Includes radio broadcasting and telephones



Area	Canada	Industry	Telephone				
Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 570	380	1,980		- 400	98.7	
Feb. 1	- 870	80	2,280		- 300	97.9	
Mar. 1	Trough - 950	Trough 0	Trough 2,360		- 80	97.8	
Apr. 1	- 760	190	2,170	+ 190		98.2	
May 1	- 570	380	1,980	+ 190		98.7	
June 1	+ 130	1,080	1,280	+ 700		100.3	
July 1	+ 790	1,740	620	+ 660		101.9	
Aug. 1	Peak + 1,410	Peak 2,360	Peak 0	+ 620		103.3	
Sep. 1	+ 1,090	2,040	320		- 320	102.6	
Oct. 1	+ 390	1,340	1,020		- 700	100.9	
Nov. 1	+ 40	990	1,370		- 350	100.1	
Dec. 1	- 170	780	1,580		- 210	99.6	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Public Utility Operation				
verage Employment, 1947-51 = 36,600		(D.B.S., Employment and Payrolls)					
verage Employment, 1950 = N.A.		(D.B.S., Census of Industry and Merchandising)					
mplitude of Seasonal Employment Variations = 9.8 %							
Date	Averages for the Years 1947 to 1951						
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 960	620	2,960		- 930		
Feb. 1	- 1,320	260	3,320		- 360		
Mar. 1	- 1,530	50	3,530		- 210		
Apr. 1	Trough - 1,580	Trough 0	Trough 3,580		- 50		
May 1	- 1,230	350	3,230	+ 350			
June 1	+ 160	1,740	1,840	+ 1,390			
July 1	+ 1,210	2,790	790	+ 1,050			
Aug. 1	Peak + 2,000	Peak 3,580	Peak 0	+ 790			
Sep. 1	+ 1,940	3,520	60		- 60		
Oct. 1	+ 930	2,510	1,070		- 1,010		
Nov. 1	+ 420	2,000	1,580		- 510		
Dec. 1	- 30	1,550	2,030		- 450		



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada

Industry Electric Light and Power

Average Employment, 1947-51 = 32,300 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 32,900 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 9.7%

Date	Seasonal Employment Variations	Averages for the Years 1947 to 1951				Seasonal Index
		Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 690	710	2,430		- 670	97.9
Feb. 1	- 1,110	290	2,850		- 420	96.6
Mar. 1	- 1,290	110	3,030		- 180	96.0
Apr. 1	Trough - 1,400	Trough 0	Trough 3,140		- 110	95.7
May 1	- 1,120	280	2,860	+ 280		96.5
June 1	+ 110	1,510	1,630	+ 1,230		100.3
July 1	+ 1,050	2,450	690	+ 940		103.2
Aug. 1	Peak + 1,740	Peak 3,140	Peak 0	+ 690		105.4
Sep. 1	+ 1,670	3,070	70		- 70	105.2
Oct. 1	+ 760	2,160	980		- 910	102.4
Nov. 1	+ 290	1,690	1,450		- 470	100.9
Dec. 1	- 20	1,380	1,760		- 310	99.9



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

ea	Canada	Industry	Other Public Utilities				
verage Employment, 1947-51 = 4,400		(D.B.S., Employment and Payrolls)					
verage Employment, 1950 = N.A.		(D.B.S., Census of Industry and Merchandising)					
plitude of Seasonal Employment Variations = 9.0 %							
Date	Averages for the Years 1947 to 1951						
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 130	70	320		- 130		
Feb. 1	- 140	60	330		- 10		
Mar. 1	Trough - 200	Trough 0	Trough 390		- 60		
Apr. 1	- 170	30	360	+ 30			
May 1	- 70	130	260	+ 100			
June 1	+ 70	270	120	+ 140			
July 1	+ 110	310	80	+ 40			
Aug. 1	Peak + 190	Peak 390	Peak 0	+ 80			
Sep. 1	+ 160	360	30		- 30		
Oct. 1	+ 120	320	70		- 40		
Nov. 1	+ 60	260	130		- 60		
Dec. 1	0	200	190		- 60		
					100.0		



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Wholesale Trade				
Average Employment, 1947-51 = 100,600 (D.B.S., Employment and Payrolls)							
Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)							
Amplitude of Seasonal Employment Variations = 5.4 %							
Date	Averages for the Years 1947 to 1951				Seasonal Index		
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 660	1,700	3,770		- 2,670 99.3		
Feb. 1	- 1,200	1,160	4,310		- 540 98.8		
Mar. 1	- 1,630	730	4,740		- 430 98.4		
Apr. 1	- 2,180	180	5,290		- 550 97.8		
May 1	Trough - 2,360	Trough 0	Trough 5,470		- 180 97.7		
June 1	- 1,690	670	4,800	+ 670	98.3		
July 1	- 420	1,940	3,530	+ 1,270	99.6		
Aug. 1	+ 800	3,160	2,310	+ 1,220	100.8		
Sep. 1	+ 1,350	3,710	1,760	+ 550	101.3		
Oct. 1	+ 2,860	5,220	250	+ 1,510	102.8		
Nov. 1	Peak + 3,110	Peak 5,470	Peak 0	+ 250	103.1		
Dec. 1	+ 2,010	4,370	1,100	- 1,100	102.0		



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Canada Industry Retail Trade

Average Employment, 1947-51 = 195,600 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 12.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	Peak + 18,150	Peak 24,570	Peak 0	+ 2,090		109.3	
Feb. 1	- 5,070	1,350	23,220		- 23,220	97.4	
Mar. 1	Trough - 6,420	Trough 0	Trough 24,570		- 1,350	96.7	
Apr. 1	- 6,290	130	24,440	+ 130		96.8	
May 1	- 3,590	2,830	21,740	+ 2,700		98.2	
June 1	- 2,980	3,440	21,130	+ 610		98.5	
July 1	- 2,240	4,180	20,390	+ 740		98.9	
Aug. 1	- 5,190	1,230	23,340		- 2,950	97.3	
Sep. 1	- 5,560	860	23,710		- 370	97.2	
Oct. 1	- 640	5,780	18,790	+ 4,920		99.7	
Nov. 1	+ 3,790	10,210	14,360	+ 4,430		101.9	
Dec. 1	+ 16,060	22,480	2,090	+12,270		108.2	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea	Canada	Industry	Finance, Insurance and Real Estate
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verage Employment, 1947-51 = 89,700 (D.B.S., Employment and Payrolls)  
 verage Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 mplitude of Seasonal Employment Variations = 1.1 %

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -	Higher +	Lower -	
Jan. 1	- 350	60	900		- 660	99.6
Feb. 1	- 230	180	780	+ 120		99.7
Mar. 1	Trough - 410	Trough 0	Trough 960		- 180	99.5
Apr. 1	+ 70	480	480	+ 480		100.1
May 1	+ 10	420	540		- 60	100.0
June 1	- 50	460	500		- 60	99.9
July 1	+ 10	420	540	+ 60		100.0
Aug. 1	- 170	240	720		- 180	99.8
Sep. 1	- 290	120	840		- 120	99.7
Oct. 1	Peak + 550	Peak 960	Peak 0	+ 840		100.6
Nov. 1	+ 490	900	60		- 60	100.5
Dec. 1	+ 310	720	240		- 180	100.3



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea	Canada	Industry	Banking, Investment and Loan		
verage Employment, 1947-51 = 53,900 (D.B.S., Employment and Payrolls)					
verage Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)					
mplitude of Seasonal Employment Variations = 1.2 %					
Date	Averages for the Years 1947 to 1951				
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
				Higher + Lower -	
Jan. 1	- 180	60	600	- 370	99.7
Feb. 1	- 80	160	500	+ 100	99.9
Mar. 1	- 180	60	600	- 100	99.7
Apr. 1	+ 90	330	330	+ 270	100.2
May 1	+ 20	260	400	- 70	100.0
June 1	+ 20	260	400	No Change	100.0
July 1	- 80	160	500	- 100	99.9
Aug. 1	- 210	30	630	- 130	99.6
Sep. 1	Trough - 240	Trough 0	Trough 660	- 30	99.6
Oct. 1	Peak + 420	Peak 660	Peak 0	+ 660	100.8
Nov. 1	+ 260	500	160	- 160	100.5
Dec. 1	+ 190	430	230	- 70	100.4



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Insurance			
Date	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		Seasonal Index
				Higher +	Lower -	
Jan. 1	- 80	80	290		- 130	99.8
Feb. 1	- 130	30	340		- 50	99.6
Mar. 1	Trough - 160	Trough 0	Trough 370		- 30	99.5
Apr. 1	+ 30	190	180	+ 190		100.1
May 1	- 30	130	240		- 60	99.9
June 1	- 110	50	320		- 80	99.7
July 1	+ 80	240	130	+ 190		100.2
Aug. 1	+ 50	210	160		- 30	100.1
Sep. 1	0	160	210		- 50	100.0
Oct. 1	Peak + 210	Peak 370	Peak 0	+ 210		100.6
Nov. 1	+ 130	290	80		- 80	100.4
Dec. 1	+ 50	210	160		- 80	100.1



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Services
Average Employment, 1947-51	= 77,800	(D.B.S., Employment and Payrolls)	
Average Employment, 1950	= N.A.	(D.B.S., Census of Industry and Merchandising)	
Amplitude of Seasonal Employment Variations	= 11.0 %		

Date	Averages for the Years 1947 to 1951				Change in Seasonal Employment from Preceding Month		Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis- Employment (Less than Seasonal Peak)	Higher +			
Jan. 1	- 2,420	1,070	7,510		- 1,200		96.9
Feb. 1	- 2,690	800	7,780		- 270		96.5
Mar. 1	Trough - 3,490	Trough 0	Trough 8,580		- 800		95.5
Apr. 1	- 3,040	450	8,130	+ 450			96.1
May 1	- 2,020	1,470	7,110	+ 1,020			97.4
June 1	- 60	3,430	5,150	+ 1,960			99.9
July 1	+ 3,400	6,890	1,690	+ 3,460			104.4
Aug. 1	Peak + 5,090	Peak 8,580	Peak 0	+ 1,690			106.5
Sep. 1	+ 4,690	8,180	400		- 400		106.0
Oct. 1	+ 2,030	5,520	3,060		- 2,660		102.6
Nov. 1	- 240	3,250	5,330		- 2,270		99.7
Dec. 1	- 1,220	2,270	6,310		- 980		98.4



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Hotels and Restaurants				
Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 1,550	1,060	5,750		- 460	96.7	
Feb. 1	- 2,070	540	6,270		- 520	95.5	
Mar. 1	Trough - 2,610	Trough 0	Trough 6,810		- 540	94.4	
Apr. 1	- 2,530	80	6,730	+ 80		94.5	
May 1	- 1,810	800	6,010	+ 720		96.1	
June 1	- 420	2,190	4,620	+ 1,390		99.1	
July 1	+ 2,390	5,000	1,810	+ 2,810		105.2	
Aug. 1	Peak + 4,200	Peak 6,810	Peak 0	+ 1,810		109.1	
Sep. 1	+ 4,120	6,730	80		- 80	108.9	
Oct. 1	+ 1,720	4,330	2,480		- 2,400	103.7	
Nov. 1	- 370	2,240	4,570		- 2,090	99.2	
Dec. 1	- 1,090	1,520	5,290		- 720	97.6	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada	Industry	Laundries and Dry Cleaning Plants			
Date	Seasonal Employment Variations	Averages for the Years 1947 to 1951				Seasonal Index
		Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 510	20	1,070		- 330	97.4
Feb. 1	- 360	170	920	+ 150		98.2
Mar. 1	Trough - 530	Trough 0	Trough 1,090		- 170	97.3
Apr. 1	- 290	240	850	+ 240		98.5
May 1	+ 100	630	460	+ 390		100.5
June 1	+ 310	840	250	+ 210		101.6
July 1	Peak + 560	Peak 1,090	Peak 0	+ 250		102.8
Aug. 1	+ 450	980	110		- 110	102.3
Sep. 1	+ 210	740	350		- 240	101.1
Oct. 1	+ 210	740	350	No Change		101.1
Nov. 1	+ 80	610	480		- 130	100.4
Dec. 1	- 180	350	740		- 260	99.1



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

area	Canada	Industry	Industrial Composite
verage Employment, 1947-51	2,180,500	(D.B.S., Employment and Payrolls)	
verage Employment, 1950	N.A.	(D.B.S., Census of Industry and Merchandising)	
mplitude of Seasonal Employment Variations	6.9%		

Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
				Higher +	Lower -
Jan. 1	- 6,200	74,200	75,500		-75,500 99.7
Feb. 1	-53,100	27,300	122,400		-46,900 97.6
Mar. 1	-68,700	11,700	138,000		-15,600 96.8
Apr. 1	Trough -80,400	Trough 0	Trough 149,700		-11,700 96.3
May 1	-77,800	2,600	147,100	+ 2,600	
June 1	-25,700	54,700	95,000	+52,100	
July 1	+26,300	106,700	43,000	+52,000	
Aug. 1	+39,400	119,800	29,900	+13,100	
Sep. 1	+48,500	128,900	20,800	+ 9,100	
Oct. 1	+64,100	144,500	5,200	+15,600	
Nov. 1	+64,100	144,500	5,200	No Change	
Dec. 1	Peak +69,300	Peak 149,700	Peak 0	+ 5,200	
					103.2



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Canada		Industry			Manufacturing	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		Seasonal Index	
Date	Averages for the Years 1947 to 1951						
Jan. 1	Trough -19,000	Trough 0	Trough 40,770		-23,540	98.1	
Feb. 1	-15,550	3,450	37,320	+ 3,450		98.5	
Mar. 1	-11,540	7,460	33,310	+ 4,010		98.9	
Apr. 1	-11,540	7,460	33,310	No Change		98.9	
May 1	-12,680	6,320	34,450		- 1,140	98.8	
June 1	- 4,640	14,360	26,410	+ 8,040		99.5	
July 1	+ 8,560	27,560	13,210	+13,200		100.8	
Aug. 1	+ 8,560	27,560	13,210	No Change		100.8	
Sep. 1	+18,900	37,900	2,870	+10,340		101.8	
Oct. 1	Peak +21,770	Peak 40,770	Peak 0	+ 2,870		102.1	
Nov. 1	+12,580	31,580	9,190		- 9,190	101.2	
Dec. 1	+ 4,540	23,540	17,230		- 8,040	100.4	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area New Brunswick Industry Forestry (Chiefly Logging)

Average Employment, 1947-51 = 6,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 94.5%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	+2,720	5,620	390		- 390	142.8	
Feb. 1	+1,520	4,420	1,590		-1,200	123.9	
Mar. 1	+ 870	3,770	2,240		- 650	113.7	
Apr. 1	-1,080	1,820	4,190		-1,950	83.0	
May 1	Trough -2,900	Trough 0	Trough 6,010		-1,820	54.4	
June 1	-2,010	890	5,120	+ 890		68.4	
July 1	- 190	2,710	3,300	+1,820		97.0	
Aug. 1	- 810	2,090	3,920		- 620	87.3	
Sep. 1	-1,880	1,020	4,990		-1,070	70.4	
Oct. 1	- 730	2,170	3,840	+1,150		88.5	
Nov. 1	+1,370	4,270	1,740	+2,100		121.6	
Dec. 1	Peak +3,110	Peak 6,010	Peak 0	+1,740		148.9	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

ea Quebec

Industry Forestry (Chiefly Logging)

verage Employment, 1947-51= 33,700 (D.B.S., Employment and Payrolls)

verage Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
plitude of Seasonal Employment Variations = 93.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+13,410	30,610	940		- 940	139.8	
Feb. 1	+ 8,640	25,840	5,710		- 4,770	125.6	
Mar. 1	+ 6,890	24,090	7,460		- 1,750	120.4	
Apr. 1	- 4,720	12,480	19,070		-11,610	86.0	
May 1	Trough -17,200	Trough 0	Trough 31,550		-12,480	49.0	
June 1	- 9,430	7,770	23,780	+ 7,770		72.0	
July 1	- 7,110	10,090	21,460	+ 2,320		78.9	
Aug. 1	- 7,020	10,180	21,370	+ 90		79.2	
Sep. 1	- 6,640	10,560	20,990	+ 380		80.3	
Oct. 1	- 770	16,430	15,120	+ 5,870		97.7	
Nov. 1	+ 9,630	26,830	4,720	+10,400		128.6	
Dec. 1	Peak +14,350	Peak 31,550	Peak 0	+ 4,720		142.6	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Ontario Industry Forestry (Chiefly Logging)

verage Employment, 1947-51 = 23,300 (D.B.S., Employment and Payrolls)  
 verage Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 mplitude of Seasonal Employment Variations = 73.7%

Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	+7,300	16,090	360		- 90	132.7
Feb. 1	Peak +7,660	Peak 16,450	Peak 0	+ 360		134.3
Mar. 1	+6,370	15,160	1,290		-1,290	128.6
Apr. 1	- 160	8,630	7,820		-6,530	99.3
May 1	Trough -8,790	Trough 0	Trough 16,450		-8,630	60.6
June 1	-6,140	2,650	13,800	+2,650		72.5
July 1	-5,270	3,520	12,930	+ 870		76.4
Aug. 1	-6,060	2,730	13,720		- 790	72.8
Sep. 1	-5,240	3,550	12,900	+ 820		76.5
Oct. 1	- 900	7,890	8,560	+4,340		96.0
Nov. 1	+3,810	12,600	3,850	+4,710		117.1
Dec. 1	+7,390	16,180	270	+3,580		133.1



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area British Columbia Industry Forestry (Chiefly Logging)

Average Employment, 1947-51 = 14,900 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N. A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 41.8%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-1,350	2,810	3,430		-2,710	90.9	
Feb. 1	Trough -4,160	Trough 0	Trough 6,240		-2,810	72.1	
Mar. 1	-3,710	450	5,790	+ 450		75.1	
Apr. 1	-1,660	2,500	3,740	+2,050		88.9	
May 1	+ 380	4,540	1,700	+2,040		102.5	
June 1	+1,540	5,700	540	+1,160		110.3	
July 1	+1,600	5,760	480	+ 60		110.7	
Aug. 1	+ 900	5,060	1,180		- 700	106.0	
Sep. 1	+1,240	5,400	840	+ 340		108.3	
Oct. 1	+1,760	5,920	320	+ 520		111.8	
Nov. 1	Peak +2,080	Peak 6,240	Peak 0	+ 320		113.9	
Dec. 1	+1,360	5,520	720		- 720	109.1	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec Industry Gold Mining

Average Employment, 1947-51 = 4,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 5,100 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 2.8%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-40	10	120		-110	99.1	
Feb. 1	Peak +80	Peak 130	Peak 0	+120		101.7	
Mar. 1	Peak +80	Peak 130	Peak 0		No Change	101.7	
Apr. 1	+30	80	50		- 50	100.6	
May 1	-10	40	90		- 40	99.8	
June 1	-40	10	120		- 30	99.1	
July 1	Trough -50	Trough 0	Trough 130		- 10	98.9	
Aug. 1	Trough -50	Trough 0	Trough 130		No Change	98.9	
Sep. 1	-20	30	100	+ 30		99.6	
Oct. 1	Trough -50	Trough 0	Trough 130		- 30	98.9	
Nov. 1	+10	60	70	+ 60		100.2	
Dec. 1	+70	120	10	+ 60		101.5	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario Industry Gold Mining

Average Employment, 1947-51 = 14,100 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 14,300 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 2.7%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-130	120	260		-130	99.1	
Feb. 1	+100	350	30	+230		100.7	
Mar. 1	+ 60	310	70		- 40	100.4	
Apr. 1	+100	350	30	+ 40		100.7	
May 1	+ 80	330	50		- 20	100.6	
June 1	+ 40	290	90		- 40	100.3	
July 1	Peak +130	Peak 380	Peak 0	+ 90		100.9	
Aug. 1	+110	360	20		- 20	100.8	
Sep. 1	-110	140	240		-220	99.2	
Oct. 1	Trough -250	Trough 0	Trough 380		-140	98.2	
Nov. 1	-130	120	260	+120		99.1	
Dec. 1	0	250	130	+130		100.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Quebec Industry Other Metal Mining

verage Employment, 1947-51 = 4,600 (D.B.S., Employment and Payrolls)  
 verage Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 mplitude of Seasonal Employment Variations = 8.4%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Trough -190	Trough 0	Trough 390		-110	95.9	
Feb. 1	-180	10	380	+ 10		96.1	
Mar. 1	-130	60	330	+ 50		97.2	
Apr. 1	- 80	110	280	+ 50		98.3	
May 1	- 60	130	260	+ 20		98.7	
June 1	+ 60	250	140	+120		101.3	
July 1	Peak +200	Peak 390	Peak 0	+140		104.3	
Aug. 1	+180	370	20		- 20	103.9	
Sep. 1	+150	340	50		- 30	103.3	
Oct. 1	+ 70	260	130		- 80	101.5	
Nov. 1	+ 50	240	150		- 20	101.1	
Dec. 1	- 80	110	280		-130	98.3	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Ontario

Industry Other Metal Mining

verage Employment, 1947-51 = 9,200 (D.B.S., Employment and Payrolls)

verage Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
mplitude of Seasonal Employment Variations = 3.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 40	100	200		-200	99.6	
Feb. 1	+120	260	40	+160		101.3	
Mar. 1	+ 50	190	110		- 70	100.5	
Apr. 1	+150	290	10	+100		101.6	
May 1	- 10	130	170		-160	99.9	
June 1	- 80	60	240		- 70	99.1	
July 1	-120	20	280		- 40	98.7	
Aug. 1	-120	20	280	No Change		98.7	
Sep. 1	Trough -140	Trough 0	Trough 300		- 20	98.5	
Oct. 1	- 70	70	230	+ 70		99.2	
Nov. 1	+130	270	30	+200		101.4	
Dec. 1	Peak +160	Peak 300	Peak 0	+ 30		101.7	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea British Columbia Industry Other Metal Mining  
 verage Employment, 1947-51= 4,500 (D.B.S., Employment and Payrolls)  
 verage Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 mplitude of Seasonal Employment Variations=3.8%

Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	-50	30	140		- 60	98.9
Feb. 1	-40	40	130	+ 10		99.1
Mar. 1	-10	70	100	+ 30		99.8
Apr. 1	-10	70	100	No Change		99.8
May 1	-60	20	150		- 50	98.7
June 1	+50	130	40	+110		101.1
July 1	+50	130	40	No Change		101.1
Aug. 1	+60	140	30	+ 10		101.3
Sep. 1	Peak +90	Peak 170	Peak 0	+ 30		102.0
Oct. 1	Trough -80	Trough 0	Trough 170		-170	98.2
Nov. 1	-10	70	100	+ 70		99.8
Dec. 1	+10	90	80	+ 20		100.2



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea	Nova Scotia		Industry	Coal Mining		
Date	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		Seasonal Index
				Higher +	Lower -	
Jan. 1	Trough -440	Trough 0	Trough 760		-580	96.6
Feb. 1	Peak +320	Peak 760	Peak 0	+760		102.4
Mar. 1	- 90	350	410		-410	99.3
Apr. 1	- 50	390	370	+ 40		99.6
May 1	+ 20	460	300	+ 70		100.2
June 1	-110	330	430		-130	99.2
July 1	0	440	320	+110		100.0
Aug. 1	+120	560	200	+120		100.9
Sep. 1	-110	330	430		-230	99.2
Oct. 1	+ 80	520	240	+190		100.6
Nov. 1	+ 90	530	230	+ 10		100.7
Dec. 1	+140	580	180	+ 50		101.1



Based on D.B.S. Employment Indexes

Area Alberta Industry Coal Mining

Average Employment, 1947-51= 7,600 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 8,000 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 13.9%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Peak +540	Peak 1,060	Peak 0	+ 60		107.1	
Feb. 1	Peak +540	Peak 1,060	Peak 0	No Change		107.1	
Mar. 1	+480	1,000	60		- 60	106.3	
Apr. 1	+ 50	570	490		-430	100.7	
May 1	-360	160	900		-410	95.3	
June 1	Trough -520	Trough 0	Trough 1,060		-160	93.2	
July 1	-410	110	950	+110		94.6	
Aug. 1	-490	30	1,030		- 80	93.6	
Sep. 1	-240	280	780	+250		96.9	
Oct. 1	-160	360	700	+ 80		97.9	
Nov. 1	+120	640	420	+280		101.6	
Dec. 1	+480	1,000	60	+360		106.3	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea British Columbia Industry Coal Mining

verage Employment, 1947-51= 2,300 (D.B.S., Employment and Payrolls)  
 verage Employment, 1950 = 2,200 (D.B.S., Census of Industry and Merchandising)  
 mplitude of Seasonal Employment Variations = 6.9%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	+40	110	50	+40		101.7	
Feb. 1	Peak +90	Peak 160	Peak 0	+50		103.9	
Mar. 1	+80	150	10		-10	103.5	
Apr. 1	+50	120	40		-30	102.2	
May 1	+10	80	80		-40	100.4	
June 1	-20	50	110		-30	99.1	
July 1	-30	40	120		-10	98.7	
Aug. 1	-50	20	140		-20	97.8	
Sep. 1	-40	30	130	+10		98.3	
Oct. 1	Trough -70	Trough 0	Trough 160		-30	97.0	
Nov. 1	-40	30	130	+30		98.3	
Dec. 1	0	70	90	+40		100.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Alberta

Industry Oil and National Gas

Average Employment, 1947-51 = 5,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 3,300 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 15.1%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-280	140	680		-390	94.8	
Feb. 1	-370	50	770		-90	93.2	
Mar. 1	Trough -420	Trough 0	Trough 820		-50	92.3	
Apr. 1	-350	70	750	+ 70		93.5	
May 1	-350	70	750	No Change		93.5	
June 1	+120	540	280	+470		102.2	
July 1	+270	690	130	+150		105.0	
Aug. 1	Peak +400	Peak 820	Peak 0	+130		107.4	
Sep. 1	+390	810	10		-10	107.2	
Oct. 1	+230	650	170		-160	104.2	
Nov. 1	+240	660	160	+ 10		104.4	
Dec. 1	+110	530	290		-130	102.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec

Industry Non-Metal Mining

Average Employment, 1947-51 = 7,000 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 9,100 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 7.9%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-160	110	440		-260	97.7	
Feb. 1	-260	10	540		-100	96.3	
Mar. 1	Trough -270	Trough 0	Trough 550		- 10	96.1	
Apr. 1	-230	40	510	+ 40		96.7	
May 1	-180	90	460	+ 50		97.4	
June 1	- 30	240	310	+150		99.6	
July 1	+230	500	50	+260		103.3	
Aug. 1	+230	500	50	No Change		103.3	
Sep. 1	Peak +280	Peak 550	Peak 0	+ 50		104.0	
Oct. 1	+140	410	140		-140	102.0	
Nov. 1	+160	430	120	+ 20		102.3	
Dec. 1	+100	370	180		- 60	101.4	



Area	Ontario	Industry	Meat Products
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Average Employment, 1947-51 = 7,500 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 8,300 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 8.4%

Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
				Higher +	Lower -
Jan. 1	+ 60	400	220		-140 100.8
Feb. 1	-160	180	440		-220 97.9
Mar. 1	-300	40	580		-140 96.0
Apr. 1	Trough -340	Trough 0	Trough 620		-40 95.4
May 1	-190	150	470	+150	97.4
June 1	0	340	280	+190	100.0
July 1	+210	550	70	+210	102.8
Aug. 1	Peak +280	Peak 620	Peak 0	+ 70	103.8
Sep. 1	+160	500	120		-120 102.1
Oct. 1	- 40	300	320		-200 99.5
Nov. 1	+100	440	180	+140	101.3
Dec. 1	+200	540	80	+100	102.7



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Manitoba	Industry	Meat Products			
Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	+190	660	450		-450	105.9
Feb. 1	-100	370	740		-290	96.9
Mar. 1	-360	110	1,000		-260	88.9
Apr. 1	Trough -470	Trough 0	Trough 1,110		-110	85.5
May 1	-430	40	1,070	+ 40		86.7
June 1	-200	270	840	+230		93.8
July 1	+ 30	500	610	+230		100.9
Aug. 1	+150	620	490	+120		104.6
Sep. 1	+140	610	500		- 10	104.3
Oct. 1	+ 60	530	580		- 80	101.9
Nov. 1	+360	830	280	+300		111.1
Dec. 1	Peak +640	Peak 1,110	Peak 0	+280		119.8



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Saskatchewan	Industry	Meat Products					
Average Employment, 1947-51= 1,500 (D.B.S., Employment and Payrolls)								
Average Employment, 1950 = 1,200 (D.B.S., Census of Industry and Merchandising)								
Amplitude of Seasonal Employment Variations = 37.1%								
Date	Averages for the Years 1947 to 1951				Seasonal Index			
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis- Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		Higher +	Lower -	
Jan. 1	+130	360	190		-190	108.8		
Feb. 1	-30	200	350		-160	98.0		
Mar. 1	-190	40	510		-160	87.2		
Apr. 1	Trough -230	Trough 0	Trough 550		-40	84.5		
May 1	-190	40	510	+40		87.2		
June 1	-130	100	450	+60		91.2		
July 1	+10	240	310	+140		100.7		
Aug. 1	+80	310	240	+70		105.4		
Sep. 1	+30	260	290		-50	102.0		
Oct. 1	+40	270	280	+10		102.7		
Nov. 1	+160	390	160	+120		110.8		
Dec. 1	Peak +320	Peak 550	Peak 0	+160		121.6		



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Alberta	Industry	Meat Products			
Average Employment, 1947-51 = 3,300 (D.B.S., Employment and Payrolls)						
Average Employment, 1950 = 2,900 (D.B.S., Census of Industry and Merchandising)						
Amplitude of Seasonal Employment Variations = 19.9%						
Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
Jan. 1	+140	420	230		-230	104.2
Feb. 1	- 20	260	390		-160	99.4
Mar. 1	-190	90	560		-170	94.2
Apr. 1	Trough -280	Trough 0	Trough 650		- 90	91.4
May 1	-260	20	630	+ 20		92.0
June 1	- 60	220	430	+200		98.2
July 1	+ 40	320	330	+100		101.2
Aug. 1	+ 70	350	300	+ 30		102.1
Sep. 1	+ 30	310	340		- 40	100.9
Oct. 1	+ 10	290	360		- 20	100.3
Nov. 1	+160	440	210	+150		104.9
Dec. 1	Peak +370	Peak 650	Peak 0	+210		111.3



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Saskatchewan	Industry	Dairy Products		
Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
				Higher +      Lower -	
Jan. 1	- 70	150	260	- 60	94.9
Feb. 1	-210	10	400	-140	84.7
Mar. 1	Trough -220	Trough 0	Trough 410	- 10	83.9
Apr. 1	-160	60	350	+ 60	88.3
May 1	- 60	160	250	+100	95.6
June 1	+120	340	70	+180	108.8
July 1	Peak +190	Peak 410	Peak 0	+ 70	113.9
Aug. 1	Peak +190	Peak 410	Peak 0	No change	113.9
Sep. 1	+150	370	40	- 40	111.0
Oct. 1	+ 60	280	130	- 90	104.3
Nov. 1	+ 30	250	160	- 30	102.2
Dec. 1	- 10	210	200	- 40	99.3



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Nova Scotia	Industry	Canned and Cured Fish
Average Employment, 1947-51	1,900	(D.B.S., Employment and Payrolls)	
Average Employment, 1950	= 4,700	(D.B.S., Census of Industry and Merchandising)	
Amplitude of Seasonal Employment Variations	= 34.5%		

Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
				Higher +	Lower -
Jan. 1	-260	20	660		-150
Feb. 1	-240	40	640	+ 20	
Mar. 1	-260	20	660		- 20
Apr. 1	Trough -280	Trough 0	Trough 680		- 20
May 1	- 60	220	460	+220	
June 1	+260	540	140	+320	
July 1.	+390	670	10	+130	
Aug. 1	Peak +400	Peak 680	Peak 0	+ 10	
Sep. 1	+240	520	160		-160
Oct. 1	- 20	260	420		-260
Nov. 1	- 50	230	450		- 30
Dec. 1	-110	170	510		- 60



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

area	British Columbia	Industry	Canned and Cured Fish		
verage Employment, 1947-51	= 3,400 (D.B.S., Employment and Payrolls)				
verage Employment, 1950	= 3,900 (D.B.S., Census of Industry and Merchandising)				
plitude of Seasonal Employment Variations	= 90.2%				
Date	Averages for the Years 1947 to 1951				
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
				Higher + Lower -	
Jan. 1	- 760	490	2,540	-510	77.4
Feb. 1	- 880	370	2,660	-120	73.8
Mar. 1	Trough -1,250	Trough 0	Trough 3,030	-370	62.8
Apr. 1	-1,210	40	2,990	+ 40	64.0
May 1	- 540	710	2,320	+670	83.9
June 1	- 90	1,160	1,870	+450	97.3
July 1	+ 450	1,700	1,330	+540	113.4
Aug. 1	+1,340	2,590	440	+890	139.9
Sep. 1	Peak +1,780	Peak 3,030	Peak 0	+440	153.0
Oct. 1	+1,100	2,350	680	-680	132.8
Nov. 1	+ 320	1,570	1,460	-780	109.5
Dec. 1	- 250	1,000	2,030	-570	92.6



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area \_\_\_\_\_ Ontario \_\_\_\_\_ Industry \_\_\_\_\_ Canned and Preserved Fruits  
and Vegetables

Average Employment, 1947-51 = 8,300 (D.B.S., Employment and Payrolls)  
Average Employment, 1950 = 8,800 (D.B.S., Census of Industry and Merchandising)  
Amplitude of Seasonal Employment Variations = 146.4%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-2,670	490	11,610		-2,550	67.7	
Feb. 1	-2,750	410	11,690		- 80	66.7	
Mar. 1	-3,050	110	11,990		- 300	63.1	
Apr. 1	Trough -3,160	Trough 0	Trough 12,100		- 110	61.8	
May 1	-2,780	380	11,720	+ 380		66.4	
June 1	-2,230	930	11,170	+ 550		73.0	
July 1	+ 590	3,750	8,350	+2,820		107.1	
Aug. 1	+1,010	4,170	7,930	+ 420		112.2	
Sep. 1	+4,130	7,290	4,810	+3,120		150.0	
Oct. 1	Peak +8,940	Peak 12,100	Peak 0	+4,810		208.2	
Nov. 1	+2,080	5,240	6,860		-6,860	125.2	
Dec. 1	- 120	3,040	9,060		-2,200	98.5	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	British Columbia	Industry	Canned and Preserved Fruits and Vegetables
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Average Employment, 1947-51 = 2,100 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 2,300 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 133.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 840	220	2,550		-670	59.6	
Feb. 1	- 970	90	2,680		-130	53.3	
Mar. 1	-1,040	20	2,750		- 70	49.9	
Apr. 1	Trough -1,060	Trough 0	Trough 2,770		- 20	49.0	
May 1	- 960	100	2,670	+ 100		53.8	
June 1	- 690	370	2,400	+ 270		66.8	
July 1	+ 300	1,360	1,410	+ 990		114.4	
Aug. 1	+1,360	2,420	350	+1,060		165.5	
Sep. 1	+1,570	2,630	140	+ 210		175.6	
Oct. 1	Peak +1,710	Peak 2,770	Peak 0	+ 140		182.3	
Nov. 1	+ 800	1,860	910		-910	138.5	
Dec. 1	- 170	890	1,880		-970	91.8	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Ontario

Industry Bread and Other Bakery Products

verage Employment, 1947-51 = 7,800 (D.B.S., Employment and Payrolls)

verage Employment, 1950 = 14,000 (D.B.S., Census of Industry and Merchandising)

mplitude of Seasonal Employment Variations = 5.7%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +		
Jan. 1	- 70	130	320		- 90 99.1	
Feb. 1	-150	50	400		- 80 98.1	
Mar. 1	Trough -200	Trough 0	Trough 450		- 50 97.5	
Apr. 1	-180	20	430	+ 20		97.7
May 1	-180	20	430	No Change		97.7
June 1	- 70	130	320	+110		99.1
July 1	+140	340	110	+210		101.8
Aug. 1	+220	420	30	+ 80		102.8
Sep. 1	Peak +250	Peak 450	Peak 0	+ 30		103.2
Oct. 1	+150	350	100		-100	101.9
Nov. 1	+ 90	290	160		- 60	101.1
Dec. 1	+ 20	220	230		- 70	100.3



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Ontario Industry Distilled and Malt Liquors

verage Employment, 1947-51= 5,500 (D.B.S., Employment and Payrolls)

verage Employment, 1950 = 4,600 (D.B.S., Census of Industry and Merchandising)

mplitude of Seasonal Employment Variations= 9.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+ 20	250	260		- 80	100.4	
Feb. 1	Trough - 230	Trough 0	Trough 510		- 250	95.8	
Mar. 1	- 220	10	500	+ 10		96.0	
Apr. 1	- 210	20	490	+ 10		96.2	
May 1	- 170	60	450	+ 40		96.9	
June 1	- 110	120	390	+ 60		98.0	
July 1	+ 160	390	120	+ 270		102.9	
Aug. 1	+ 240	470	40	+ 80		104.4	
Sep. 1	Peak + 280	Peak 510	Peak 0	+ 40		105.1	
Oct. 1	+ 90	320	190		- 190	101.6	
Nov. 1	+ 60	290	220		- 30	101.1	
Dec. 1	+ 100	330	180	+ 40		101.8	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea	Quebec	Industry	Tobacco and Tobacco Products			
verage Employment, 1947-51= 8,500 (D.B.S., Employment and Payrolls)						
verage Employment, 1950 = 7,800 (D.B.S., Census of Industry and Merchandising)						
mplitude of Seasonal Employment Variations = 7.5%						
Date	Averages for the Years 1947 to 1951					
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		Seasonal Index
Jan. 1	+ 170	500	140	+ 140		102.0
Feb. 1	Peak + 310	Peak 640	Peak 0	+ 140		103.6
Mar. 1	+ 240	570	70		- 70	102.8
Apr. 1	- 20	310	330		-260	99.8
May 1	- 240	90	550		-220	97.2
June 1	- 190	140	500	+ 50		97.8
July 1	- 130	200	440	+ 60		98.5
Aug. 1	Trough - 330	Trough 0	Trough 640		-200	96.1
Sep. 1	- 10	320	320	+ 320		99.9
Oct. 1	+ 70	400	240	+ 80		100.8
Nov. 1	+ 140	470	170	+ 70		101.6
Dec. 1	+ 30	360	280		-110	100.4



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario Industry Rubber Products

Average Employment, 1947-51 = 15,100 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 15,100 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 1.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 70	30	210		- 50	99.5	
Feb. 1	- 50	50	190	+ 20		99.7	
Mar. 1	+ 30	130	110	+ 80		100.2	
Apr. 1	+ 50	150	90	+ 20		100.3	
May 1	- 90	10	230		-140	99.4	
June 1	+ 20	120	120	+110		100.1	
July 1	+ 80	180	60	+ 60		100.5	
Aug. 1	Trough -100	Trough 0	Trough 240		-180	99.3	
Sep. 1	- 30	70	170	+ 70		99.8	
Oct. 1	Peak +140	Peak 240	Peak 0	+170		100.9	
Nov. 1	+ 30	130	110		-110	100.2	
Dec. 1	- 20	80	160		- 50	99.9	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

ea Quebec

Industry Boots and Shoes (except rubber)

verage Employment, 1947-51 = 11,700 (D.B.S., Employment and Payrolls)

verage Employment, 1950 = 12,900 (D.B.S., Census of Industry and Merchandising)

plitude of Seasonal Employment Variations = 7.5%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-330	100	780	+ 40		97.2	
Feb. 1	+230	660	220	+560		102.0	
Mar. 1	+420	850	30	+190		103.6	
Apr. 1	Peak +450	Peak 880	Peak 0	+ 30		103.8	
May 1	+300	730	150		-150	102.6	
June 1	- 60	370	510		-360	99.5	
July 1	-190	240	640		-130	98.4	
Aug. 1	- 50	380	500	+140		99.6	
Sep. 1	+110	540	340	+160		100.9	
Oct. 1	- 20	410	470		-130	99.8	
Nov. 1	Trough -430	Trough 0	Trough 880		-410	96.3	
Dec. 1	-370	60	820	+ 60		96.8	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

ea Ontario Industry Boots and Shoes (except Rubber)

verage Employment, 1947-51 = 6,700 (D.B.S., Employment and Payrolls)  
 erage Employment, 1950 = 7,000 (D.B.S., Census of Industry and Merchandising)  
 plitude of Seasonal Employment Variations = 5.5%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 80	90	280		- 70	98.8	
Feb. 1	+ 70	240	130	+150		101.0	
Mar. 1	+120	290	80	+ 50		101.8	
Apr. 1	Peak +200	Peak 370	Peak 0	+ 80		103.0	
May 1	+170	340	30		- 30	102.5	
June 1	- 10	160	210		-180	99.9	
July 1	0	170	200	+ 10		100.0	
Aug. 1	-110	60	310		-110	98.4	
Sep. 1	- 80	90	280	+ 30		98.8	
Oct. 1	Trough -170	Trough 0	Trough 370		- 90	97.5	
Nov. 1	-120	50	320	+ 50		98.2	
Dec. 1	- 10	160	210	+110		99.9	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Quebec Textile Products (ex. Clothing)  
 ea Industry

verage Employment, 1947-51 = 40,300 (D.B.S., Employment and Payrolls)  
 erage Employment, 1950 = 45,000 (D.B.S., Census of Industry and Merchandising)  
 plitude of Seasonal Employment Variations = 4.5%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	+ 170	890	940	+260		100.4	
Feb. 1	+ 690	1,410	420	+520		101.7	
Mar. 1	Peak +1,110	Peak 1,830	Peak 0	+420		102.7	
Apr. 1	+ 870	1,590	240		-240	102.2	
May 1	+ 220	940	890		-650	100.5	
June 1	- 220	500	1,330		-440	99.5	
July 1	- 540	180	1,650		-320	98.7	
Aug. 1	Trough - 720	Trough 0	Trough 1,830		-180	98.2	
Sep. 1	- 640	80	1,750	+ 80		98.4	
Oct. 1	- 590	130	1,700	+ 50		98.5	
Nov. 1	- 250	470	1,360	+340		99.4	
Dec. 1	- 90	630	1,200	+160		99.8	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Ontario

Industry

Textile Products (ex. Clothing)

Average Employment, 1947-51 = 27,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 29,900 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 5.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	+ 90	960	590	No Change		100.3	
Feb. 1	+520	1,390	160	+430		101.9	
Mar. 1	Peak +680	Peak 1,550	Peak 0	+160		102.5	
Apr. 1	+600	1,470	80		- 80	102.2	
May 1	+380	1,250	300		-220	101.4	
June 1	- 10	860	690		-390	100.0	
July 1	-190	680	870		-180	99.3	
Aug. 1	Trough -870	Trough 0	Trough 1,550		-680	96.9	
Sep. 1	-620	250	1,300	+250		97.8	
Oct. 1	-480	390	1,160	+140		98.3	
Nov. 1	-150	720	830	+330		99.5	
Dec. 1	+ 90	960	590	+240		100.3	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Quebec Industry Cotton Yarn and Broad Woven Goods

verage Employment, 1947-51 = 16,500 (D.B.S., Employment and Payrolls)  
 verage Employment, 1950 = 18,700 (D.B.S., Census of Industry and Merchandising)  
 mplitude of Seasonal Employment Variations = 5.4%

Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 30	380	500	+ 10		99.8
Feb. 1	+260	670	210	+290		101.6
Mar. 1	Peak +470	Peak 880	Peak 0	+210		102.9
Apr. 1	+450	860	20		- 20	102.7
May 1	+130	540	340		-320	100.8
June 1	+ 30	440	440		-100	100.2
July 1	- 90	320	560		-120	99.5
Aug. 1	-210	200	680		-120	98.7
Sep. 1	-400	10	870		-190	97.6
Oct. 1	Trough -410	Trough 0	Trough 880		- 10	97.5
Nov. 1	-200	210	670	+210		98.8
Dec. 1	- 40	370	510	+160		99.8



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area      Ontario      Industry      Cotton Yarn and Broad Woven Goods

Average Employment, 1947-51 = 7,200 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 8,600 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 3.9%

Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	Higher +      Lower -	
Jan. 1	0	130	150	+ 10		100.0
Feb. 1	+130	260	20	+130		101.8
Mar. 1	Peak +150	Peak 280	Peak 0	+ 20		102.1
Apr. 1	+130	260	20		- 20	101.8
May 1	+ 70	200	80		- 60	101.0
June 1	- 30	100	180		-100	99.6
July 1	- 70	60	220		- 40	99.0
Aug. 1	-100	30	250		- 30	98.6
Sep. 1	Trough -130	Trough 0	Trough 280		- 30	98.2
Oct. 1	- 90	40	240	+ 40		98.7
Nov. 1	- 30	100	180	+ 60		99.6
Dec. 1	- 10	120	160	+ 20		99.9



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Ontario	Industry	Woollen Goods			
Average Employment, 1947-51= 9,600 (D.B.S., Employment and Payrolls)						
Average Employment, 1950 = 11,400 (D.B.S., Census of Industry and Merchandising)						
Amplitude of Seasonal Employment Variations = 7.9%						
Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	+ 40	460	300		- 20	100.4
Feb. 1	+270	690	70	+230		102.8
Mar. 1	Peak +340	Peak 760	Peak 0	+ 70		103.5
Apr. 1	+270	690	70		- 70	102.8
May 1	+150	570	190		-120	101.6
June 1	- 50	370	390		-200	99.5
July 1	-130	290	470		- 80	98.6
Aug. 1	Trough -420	Trough 0	Trough 760		-290	95.6
Sep. 1	-250	170	590	+170		97.4
Oct. 1	-180	240	520	+ 70		98.1
Nov. 1	- 70	350	410	+110		99.3
Dec. 1	+ 60	480	280	+130		100.6



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea	Quebec	Industry	Synthetic Textiles and Silk		
verage Employment, 1947-51= 11,500	(D.B.S., Employment and Payrolls)				
verage Employment, 1950 = 13,000	(D.B.S., Census of Industry and Merchandising)				
mplitude of Seasonal Employment Variations = 3.0%					
Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
		Higher +	Lower -		
Jan. 1	- 80	70	280	- 10	99.3
Feb. 1	+ 50	200	150	+130	100.4
Mar. 1	+190	340	10	+140	101.7
Apr. 1	Peak +200	Peak 350	Peak 0	+ 10	101.7
May 1	+ 60	210	140	-140	100.5
June 1	-100	50	300	-160	99.1
July 1	-140	10	340	- 40	98.8
Aug. 1	Trough -150	Trough 0	Trough 350	- 10	98.7
Sep. 1	- 40	110	240	+110	99.7
Oct. 1	0	150	200	+ 40	100.0
Nov. 1	+ 70	220	130	+ 70	100.6
Dec. 1	- 70	80	270	-140	99.4



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec Industry Clothing (Textile and Fur)

Average Employment, 1947-51 = 52,300 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 65,800 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 7.4%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 1,670	690	3,200		- 2,110	96.8	
Feb. 1	+ 510	2,870	1,020	+ 2,180		101.0	
Mar. 1	+ 1,340	3,700	190	+ 830		102.6	
Apr. 1	Peak + 1,530	Peak 3,890	Peak 0	+ 190		102.9	
May 1	+ 1,090	3,450	440		- 440	102.1	
June 1	+ 220	2,580	1,310		- 870	100.4	
July 1	- 1,090	1,270	2,620		- 1,310	97.9	
Aug. 1	Trough - 2,360	Trough 0	Trough 3,890		- 1,270	95.5	
Sep. 1	- 840	1,520	2,370	+ 1,520		98.4	
Oct. 1	+ 220	2,580	1,310	+ 1,060		100.4	
Nov. 1	+ 620	2,980	910	+ 400		101.2	
Dec. 1	+ 440	2,800	1,090		- 180	100.8	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario Industry Clothing (Textile and Fur)

Average Employment, 1947-51 = 33,800 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 39,600 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 6.2%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 580	540	1,570		- 730	98.3
Feb. 1	+ 640	1,760	350	+ 1,220		101.9
Mar. 1	+ 970	2,090	20	+ 330		102.9
Apr. 1	Peak + 990	Peak 2,110	Peak 0	+ 20		102.9
May 1	+ 610	1,730	380		- 380	101.8
June 1	- 40	1,080	1,030		- 650	99.9
July 1	- 360	760	1,350		- 320	98.9
Aug. 1	Trough -1,120	Trough 0	Trough 2,110		- 760	96.7
Sep. 1	- 880	240	1,870	+ 240		97.4
Oct. 1	- 420	700	1,410	+ 460		98.8
Nov. 1	- 10	1,110	1,000	+ 410		100.0
Dec. 1	+ 150	1,270	840	+ 160		100.4



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Manitoba Industry Clothing (Textile and Fur)

Average Employment, 1947-51 = 4,900 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 6,300 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 9.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 200	10	460	+ 10		95.9	
Feb. 1	+ 140	350	120	+ 340		102.9	
Mar. 1	+ 250	460	10	+ 110		105.1	
Apr. 1	Peak + 260	Peak 470	Peak 0	+ 10		105.3	
May 1	+ 200	410	60		- 60	104.1	
June 1	- 150	60	410		- 350	96.9	
July 1	- 100	110	360	+ 50		97.9	
Aug. 1	- 80	130	340	+ 20		98.4	
Sep. 1	+ 10	220	250	+ 90		100.2	
Oct. 1	- 50	160	310		- 60	99.0	
Nov. 1	- 60	150	320		- 10	98.8	
Dec. 1	Trough - 210	Trough 0	Trough 470		- 150	95.7	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea	Quebec	Industry	Men's Clothing				
verage Employment, 1947-51 = 17,600 (D.B.S., Employment and Payrolls)							
verage Employment, 1950 = 17,600 (D.B.S., Census of Industry and Merchandising)							
mplitude of Seasonal Employment Variations = 5.5%							
Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
an. 1	Trough - 630	Trough 0	Trough 960		- 580	96.4	
eb. 1	+ 20	650	310	+ 650		100.1	
ar. 1	+ 210	840	120	+ 190		101.2	
pr. 1	+ 300	930	30	+ 90		101.7	
ay 1	+ 290	920	40		- 10	101.6	
June 1	Peak + 330	Peak 960	Peak 0	+ 40		101.9	
uly 1	+ 50	680	280		- 280	100.3	
ug. 1	- 390	240	720		- 440	97.8	
ep. 1	- 130	500	460	+ 260		99.3	
ct. 1	- 50	580	380	+ 80		99.7	
ov. 1	- 10	620	340	+ 40		99.9	
Dec. 1	- 50	580	380		- 40	99.7	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario      Industry Men's Clothing

Average Employment, 1947-51 = 9,500 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 10,700 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 4.9%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	Trough - 230	Trough 0	Trough 470		- 300	97.6	
Feb. 1	+ 40	270	200	+ 270		100.4	
Mar. 1	+ 180	410	60	+ 140		101.9	
Apr. 1	Peak + 240	Peak 470	Peak 0	+ 60		102.5	
May 1	+ 220	450	20		- 20	102.3	
June 1	+ 50	280	190		- 170	100.5	
July 1	+ 80	310	160	+ 30		100.8	
Aug. 1	- 180	50	420		- 260	98.1	
Sep. 1	Trough - 230	Trough 0	Trough 470		- 50	97.6	
Oct. 1	- 150	80	390	+ 80		98.4	
Nov. 1	- 80	150	320	+ 70		99.2	
Dec. 1	+ 70	300	170	+ 150		100.7	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec

Industry Women's Clothing

Average Employment, 1947-51 = 14,200 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 18,500 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 13.9%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 620	480	1,500		-580	95.6	
Feb. 1	+ 330	1,430	550	+950		102.3	
Mar. 1	+ 750	1,850	130	+420		105.3	
Apr. 1	Peak + 880	Peak 1,980	Peak 0	+130		106.2	
May 1	+ 500	1,600	380		-380	103.5	
June 1	+ 80	1,180	800		-420	100.6	
July 1	- 590	510	1,470		-670	95.8	
Aug. 1	Trough -1,100	Trough 0	Trough 1,980		-510	92.3	
Sep. 1	- 430	670	1,310	+670		97.0	
Oct. 1	+ 110	1,210	770	+540		100.8	
Nov. 1	+ 170	1,270	710	+ 60		101.2	
Dec. 1	- 40	1,060	920		-210	99.7	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario Industry Women's Clothing

Average Employment, 1947-51 = 5,600 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 7,800 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 10.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	-170	170	420		- 90	97.0
Feb. 1	+190	530	60	+360		103.4
Mar. 1	Peak +250	Peak 590	Peak 0	+ 60		104.5
Apr. 1	+230	570	20		- 20	104.1
May 1	+100	440	150		-130	101.8
June 1	- 70	270	320		-170	98.8
July 1	-220	120	470		-150	96.1
Aug. 1	Trough -340	Trough 0	Trough 590		-120	93.9
Sep. 1	-110	230	360	+230		98.0
Oct. 1	+ 80	420	170	+190		101.4
Nov. 1	+140	480	110	+ 60		102.5
Dec. 1	- 80	260	330		-220	98.6



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Quebec

Industry Knit Goods

verage Employment, 1947-51 = 10,100 (D.B.S., Employment and Payrolls)  
 verage Employment, 1950 = 10,600 (D.B.S., Census of Industry and Merchandising)  
 mplitude of Seasonal Employment Variations = 8.0%

Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
		Higher +	Lower -		
Jan. 1	0	490	310	- 280	100.0
Feb. 1	+ 260	750	50	+ 260	102.6
Mar. 1	Peak + 310	Peak 300	Peak 0	+ 50	103.1
Apr. 1	+ 200	690	110	- 110	102.0
May 1	+ 20	510	290	- 180	100.2
June 1	- 100	390	410	- 120	99.0
July 1	- 220	270	530	- 120	97.8
Aug. 1	Trough - 490	Trough 0	Trough 300	- 270	95.1
Sept. 1	- 300	190	610	+ 190	97.0
Oct. 1	- 60	430	370	+ 240	99.4
Nov. 1	+ 140	630	170	+ 200	101.4
Dec. 1	+ 280	770	30	+ 140	102.8



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Ontario

Industry Knit Goods

verage Employment, 1947-51 = 13,200 (D.B.S., Employment and Payrolls)

verage Employment, 1950 = 13,300 (D.B.S., Census of Industry and Merchandising)

mplitude of Seasonal Employment Variations = 7.1%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+ 80	590	340		-120	100.6	
Feb. 1	+380	890	40	+300		102.9	
Mar. 1	Peak +420	Peak 930	Peak 0	+ 40		103.2	
Apr. 1	+350	860	70		- 70	102.7	
May 1	+230	740	190		-120	101.7	
June 1	- 10	500	430		-240	99.9	
July 1	-220	290	640		-210	98.3	
Aug. 1	Trough -510	Trough 0	Trough 930		-290	96.1	
Sep. 1	-490	20	910	+ 20		96.3	
Oct. 1	-340	170	760	+150		97.4	
Nov. 1	- 30	480	450	+310		99.8	
Dec. 1	+200	710	220	+230		101.5	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area New Brunswick Industry Saw and Planing Mills

Average Employment, 1947-51 = 2,900 (D.B.S., Employment and Payrolls)

Average Employment, 1950 4,600 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 36.8%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	Trough -580	Trough 0	Trough 1,050		-170	79.7	
Feb. 1	-290	290	760	+290		89.8	
Mar. 1	-140	440	610	+150		95.1	
Apr. 1	- 10	570	480	+130		99.6	
May 1	- 20	560	490		- 10	99.3	
June 1	+260	840	210	+280		109.1	
July 1	Peak +470	Peak 1,050	Peak 0	+210		116.5	
Aug. 1	+450	1,030	20		- 20	115.8	
Sep. 1	+300	880	170		-150	100.5	
Oct. 1	+110	690	360		-190	103.9	
Nov. 1	-140	440	610		-250	95.1	
Dec. 1	-410	170	880		-270	85.6	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec Industry Saw and Planing Mills

Average Employment, 1947-51 = 8,900 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 19,400 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 35.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	Trough -1,390	Trough 0	Trough 3,120		- 890	84.3	
Feb. 1	-1,290	100	3,020	+ 100		85.4	
Mar. 1	-1,190	200	2,920	+ 100		86.6	
Apr. 1	-1,100	290	2,830	+ 90		87.6	
May 1	- 900	500	2,620	+ 200		89.8	
June 1	+ 300	1,690	1,430	+1,200		103.4	
July 1	+1,250	2,640	480	+ 950		114.1	
Aug. 1	Peak +1,730	Peak 3,120	Peak 0	+ 480		119.5	
Sep. 1	+1,520	2,910	210		- 210	117.2	
Oct. 1	+1,120	2,510	610		- 400	112.6	
Nov. 1	+ 470	1,860	1,260		- 650	105.3	
Dec. 1	- 500	890	2,230		- 970	94.4	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario Industry Saw and Planing Mills

Average Employment, 1947-51 = 10,100 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 16,100 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 31.1%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 1,330	110	3,030		- 420	86.8	
Feb. 1	Trough - 1,440	Trough 0	Trough 3,140		- 110	85.7	
Mar. 1	- 1,410	30	3,110	+ 30		86.0	
Apr. 1	- 1,280	160	2,980	+ 130		87.3	
May 1	- 910	530	2,610	+ 370		91.0	
June 1	+ 600	2,040	1,100	+ 1,510		105.9	
July 1	+ 1,460	2,900	240	+ 860		114.5	
Aug. 1	Peak + 1,700	Peak 3,140	Peak 0	+ 240		116.8	
Sep. 1	+ 1,680	3,120	20		- 20	116.6	
Oct. 1	+ 1,350	2,790	350		- 330	113.4	
Nov. 1	+ 530	1,970	1,170		- 820	105.2	
Dec. 1	- 910	530	2,610		-1,440	91.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea British Columbia Industry Saw and Planing Mills

verage Employment, 1947-51 = 24,600 (D.B.S., Employment and Payrolls)  
 verage Employment, 1950 = 33,400 (D.B.S., Census of Industry and Merchandising),  
 mplitude of Seasonal Employment Variations = 9.4%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 830	440	1,870		- 790	96.6	
Feb. 1	Trough -1,270	Trough 0	Trough 2,310		- 440	94.8	
Mar. 1	- 920	350	1,960	+ 350		96.3	
Apr. 1	- 580	690	1,620	+ 340		97.6	
May 1	- 300	970	1,340	+ 280		98.8	
June 1	+ 80	1,350	960	+ 380		100.3	
July 1	+ 570	1,840	470	+ 490		102.3	
Aug. 1	+ 900	2,170	140	+ 330		103.7	
Sep. 1	Peak +1,040	Peak 2,310	Peak 0	+ 140		104.2	
Oct. 1	+ 800	2,070	240		- 240	103.3	
Nov. 1	+ 580	1,850	460		- 220	102.4	
Dec. 1	- 40	1,230	1,080		- 620	99.8	



Based on D.B.S. Employment Indexes

Area Quebec

Industry Furniture

Average Employment, 1947-51 = 3,900 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 8,300 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 9.1 %

Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	+ 120	290	60	+ 60		103.1
Feb. 1	Peak + 180	Peak 350	Peak 0	+ 60		104.7
Mar. 1	+ 170	340	10		- 10	104.4
Apr. 1	+ 140	310	40		- 30	103.6
May 1	0	170	180		-140	100.0
June 1	- 50	120	230		- 50	98.7
July 1	- 130	40	310		- 80	96.6
Aug. 1	- 140	30	320		- 10	96.4
Sep. 1	Trough - 170	Trough 0	Trough 350		- 30	95.6
Oct. 1	Trough - 170	Trough 0	Trough 350	No Change		95.6
Nov. 1	- 60	110	240	+110		98.4
Dec. 1	+ 60	230	120	+120		101.6



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Ontario Industry Furniture  
 verage Employment, 1947-51 = 11,400 (D.B.S., Employment and Payrolls)  
 verage Employment, 1950 = 14,100 (D.B.S., Census of Industry and Merchandising)  
 mplitude of Seasonal Employment Variations = 4.6%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	+ 120	420	110		- 20	101.1
Feb. 1	+ 220	520	10	+ 100		101.9
Mar. 1	Peak + 230	Peak 530	Peak 0	+ 10		102.0
Apr. 1	+ 170	470	60		- 60	101.5
May 1	+ 10	310	220		- 160	100.1
June 1	- 100	200	330		- 110	99.1
July 1	- 170	130	400		- 70	98.5
Aug. 1	Trough - 300	Trough 0	Trough 530		- 130	97.4
Sep. 1	- 230	70	460	+ 70		98.0
Oct. 1	- 80	220	310	+ 150		99.3
Nov. 1	+ 10	310	220	+ 90		100.1
Dec. 1	+ 140	440	90	+ 130		101.2



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area New Brunswick Industry Pulp and Paper Mills

Average Employment, 1947-51 = 3,500 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 3,600 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 12.5%

Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
		Higher +	Lower -		
Jan. 1	- 180	50	380	- 160	94.8
Feb. 1	Trough - 230	Trough 0	Trough 430	- 50	93.3
Mar. 1	Trough - 230	Trough 0	Trough 430	No Change	93.3
Apr. 1	- 200	30	400	+ 30	94.2
May 1	- 80	150	280	+ 120	97.7
June 1	+ 110	340	90	+ 190	103.2
July 1	+ 170	400	30	+ 60	104.9
Aug. 1	+ 180	410	20	+ 10	105.2
Sep. 1	Peak + 200	Peak 430	Peak 0	+ 20	105.8
Oct. 1	Peak + 200	Peak 430	Peak 0	No Change	105.8
Nov. 1	+ 90	320	110	- 110	102.6
Dec. 1	- 20	210	220	- 110	99.4



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Quebec

Industry Pulp and Paper Mills

verage Employment, 1947-51 = 24,100 (D.B.S., Employment and Payrolls)

verage Employment, 1950 = 22,900 (D.B.S., Census of Industry and Merchandising)

plitude of Seasonal Employment Variations = 12.1%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	-1,130	250	2,630	- 820	95.3	
Feb. 1	-1,350	30	2,900	- 220	94.4	
Mar. 1	Trough -1,380	Trough 0	Trough 2,930	- 30	94.3	
Apr. 1	-1,200	180	2,750	+ 180	95.0	
May 1	- 700	680	2,250	+ 500	97.1	
June 1	+ 390	1,770	1,160	+1,090	101.6	
July 1	+1,270	2,650	280	+ 880	105.3	
Aug. 1	Peak +1,550	Peak 2,930	Peak 0	+ 280	106.4	
Sept. 1	+1,490	2,870	60	- 60	106.2	
Oct. 1	+1,010	2,390	540	- 430	104.2	
Nov. 1	+ 420	1,800	1,130	- 590	101.7	
Dec. 1	- 310	1,070	1,860	- 730	98.7	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Ontario

Industry Pulp and Paper Mills

verage Employment, 1947-51 = 17,000 (D.B.S., Employment and Payrolls)

verage Employment, 1950 = 17,000 (D.B.S., Census of Industry and Merchandising)  
mplitude of Seasonal Employment Variations = 8.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	Trough -620	Trough 0	Trough 1,410		-390	96.4	
Feb. 1	-450	170	1,240	+170		97.4	
Mar. 1	-430	190	1,220	+120		97.5	
Apr. 1	-490	130	1,280		-60	97.1	
May 1	-470	150	1,260	+20		97.2	
June 1	+30	650	760	+500		100.2	
July 1	+570	1,190	220	+540		103.3	
Aug. 1	+760	1,380	30	+190		104.5	
Sep. 1	Peak +790	Peak 1,410	Peak 0	+30		104.6	
Oct. 1	+480	1,100	310		-310	102.8	
Nov. 1	+100	720	690		-380	100.6	
Dec. 1	-230	390	1,020		-330	98.6	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea British Columbia Industry Pulp and Paper Mills

verage Employment, 1947-51= 4,500 (D.B.S., Employment and Payrolls)  
 verage Employment, 1950 = 4,600 (D.B.S., Census of Industry and Merchandising)  
 mplitude of Seasonal Employment Variations = 6.4%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	-100	40	250		-170	97.8
Feb. 1	-120	20	270		- 20	97.4
Mar. 1	Trough -140	Trough 0	Trough 290		- 20	96.9
Apr. 1	-130	10	280	+ 10		97.1
May 1	-100	40	250	+ 30		97.8
June 1	- 10	130	160	+ 90		99.8
July 1	Peak +150	Peak 290	Peak 0	+160		103.3
Aug. 1	+140	280	10		- 10	103.1
Sep. 1	+ 90	230	60		- 50	102.0
Oct. 1	+ 80	220	70		- 10	101.8
Nov. 1	+ 50	190	100		- 30	101.1
Dec. 1	+ 70	210	80	+ 20		101.5



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec Industry Other Paper Products

Average Employment, 1947-51 = 6,000 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 8,200 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 4.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 60	80	200		- 160	99.0	
Feb. 1	- 50	90	190	+ 10		99.2	
Mar. 1	- 80	60	220		- 30	98.7	
Apr. 1	- 60	80	200	+ 20		99.0	
May 1	Trough -140	Trough 0	Trough 280		- 80	97.7	
June 1	- 20	120	160	+120		99.7	
July 1	+ 40	180	100	+ 60		100.7	
Aug. 1	- 70	70	210		- 110	98.8	
Sep. 1	+ 60	200	80	+130		101.0	
Oct. 1	Peak +140	Peak 280	Peak 0	+ 80		102.3	
Nov. 1	+130	270	10		- 10	102.2	
Dec. 1	+100	240	40		- 30	101.7	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario

Industry Other Paper Products

Average Employment, 1947-51 = 12,200 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 13,900 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 3.9%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	+ 10	240	230		-180	100.1	
Feb. 1	+ 40	270	200	+ 30		100.3	
Mar. 1	+ 10	240	230		- 30	100.1	
Apr. 1	- 70	160	310		- 80	99.4	
May 1	-150	80	390		- 80	98.8	
June 1	-160	70	400		- 10	98.7	
July 1	+ 10	240	230	+170		100.1	
Aug. 1	Trough -230	Trough 0	Trough 470		-240	98.1	
Sep. 1	- 50	180	290	+180		99.6	
Oct. 1	+140	370	100	+190		101.2	
Nov. 1	Peak +240	Peak 470	Peak 0	+100		102.0	
Dec. 1	+190	420	50		- 50	101.6	



Based on D.B.S. Employment Indexes

Area	Quebec	Industry	Printing, Publishing and Allied Industries
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Average Employment, 1947-51 = 10,500 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 14,700 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 1.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+ 30	120	10	No Change		100.3	
Feb. 1	+ 20	110	20		- 10	100.2	
Mar. 1	+ 10	100	30		- 10	100.1	
Apr. 1	Peak + 40	Peak 130	Peak 0	+ 30		100.4	
May 1	+ 10	100	30		- 30	100.1	
June 1	+ 10	100	30	No Change		100.1	
July 1	0	90	40		- 10	100.0	
Aug. 1	- 10	80	50		- 10	99.9	
Sept. 1	Trough - 90	Trough 0	Trough 130		- 80	99.1	
Oct. 1	- 50	40	90	+ 40		99.5	
Nov. 1	0	90	40	+ 50		100.0	
Dec. 1	+ 30	120	10	+ 30		100.3	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area OntarioPrinting, Publishing, and Allied  
Industry Industries

Average Employment, 1947-51 = 23,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 30,100 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 2.0%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 80	130	340		-290	99.7
Feb. 1	+150	360	110	+230		100.6
Mar. 1	+ 60	270	200		- 90	100.3
Apr. 1	- 90	120	350		-150	99.6
May 1	-120	90	380		- 30	99.5
June 1	-120	90	380	No Change		99.5
July 1	Peak +260	Peak 470	Peak 0	+380		101.1
Aug. 1	- 60	150	320		-320	99.7
Sep. 1	Trough -120	Trough 0	Trough 470		-150	99.1
Oct. 1	-120	90	380	+ 90		99.5
Nov. 1	+150	360	110	+270		100.6
Dec. 1	+210	420	50	+ 60		100.9



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Manitoba Industry Printing, Publishing and Allied Industries

Average Employment, 1947-51= 2,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 3,600 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 6.9%

Date	Averages for the Years 1947 to 1951				Seasonal Index			
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month				
		Higher +	Lower -					
Jan. 1	- 50	30	160		- 80	98.2		
Feb. 1	+ 60	140	50	+ 110		102.2		
Mar. 1	+ 100	180	10	+ 40		103.7		
Apr. 1	Trough - 80	Trough 0	Trough 190		- 180	97.1		
May 1	- 50	30	160	+ 30		98.2		
June 1	0	80	110	+ 50		100.0		
July 1	- 10	70	120		- 10	99.6		
Aug. 1	Peak + 110	Peak 190	Peak 0	+ 120		104.0		
Sep. 1	- 10	70	120		- 120	99.6		
Oct. 1	- 60	20	170		- 50	97.8		
Nov. 1	- 50	30	160	+ 10		98.2		
Dec. 1	+ 30	110	80	+ 80		101.1		



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Alberta	Industry	Printing, Publishing and Allied Industries
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Average Employment, 1947-51= 1,100 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 1,800 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 4.5%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change In Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	0	30	20		- 20	100.0	
Feb. 1	0	30	20	No Change		100.0	
Mar. 1	+ 10	40	10	+ 10		100.9	
Apr. 1	Trough - 30	Trough 0	Trough 50		- 40	97.3	
May 1	- 20	10	40	+ 10		98.2	
June 1	- 10	20	30	+ 10		99.1	
July 1	+ 10	40	10	+ 20		100.9	
Aug. 1	Peak + 20	Peak 50	Peak 0	+ 10		101.8	
Sep. 1	Peak + 20	Peak 50	Peak 0	No Change		101.8	
Oct. 1	0	30	20		- 20	100.0	
Nov. 1	0	30	20	No Change		100.0	
Dec. 1	Peak + 20	Peak 50	Peak 0	+ 20		101.8	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

area British Columbia Industry Printing, Publishing and Allied Industries

Average Employment, 1947-51 = 3,000 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 3,900 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 2.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 10	30	50		- 30	99.7	
Feb. 1	Trough = 40	Trough 0	Trough 80		- 30	98.7	
Mar. 1	- 20	20	60	+ 20		99.3	
Apr. 1	- 10	30	50	+ 10		99.7	
May 1	- 40	0	80		- 30	98.7	
June 1	0	40	40	+ 40		100.0	
July 1	Peak + 40	Peak 80	Peak 0	+ 40		101.3	
Aug. 1	+ 20	60	20		- 20	100.7	
Sep. 1	+ 30	70	10	+ 10		101.0	
Oct. 1	+ 10	50	30		- 20	100.3	
Nov. 1	0	40	40		- 10	100.0	
Dec. 1	+ 20	60	20	+ 20		100.7	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea. Ontario

Industry Agricultural Implements

verage Employment, 1947-51 = 16,600 (D.B.S., Employment and Payrolls)

verage Employment, 1950 = 15,000 (D.B.S., Census of Industry and Merchandising)

mplitude of Seasonal Employment Variations = 8.5%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Peak)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-500	290	1,110		- 10	97.1	
Feb. 1	- 10	780	620	+490		99.9	
Mar. 1	+350	1,140	260	+360		102.1	
Apr. 1	+600	1,390	10	+250		103.6	
May 1	Peak +610	Peak 1,400	Peak 0	+ 10		103.7	
June 1	+550	1,340	60		- 60	103.3	
July 1	+400	1,190	210		-150	102.4	
Aug. 1	+100	890	510		-300	100.6	
Sep. 1	-260	530	870		-360	98.4	
Oct. 1	-570	220	1,180		-310	96.6	
Nov. 1	Trough -790	Trough 0	Trough 1,400		-220	95.2	
Dec. 1	-490	300	1,100	+300		97.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area OntarioIndustry Iron Castings

Average Employment, 1947-51 = 12,200 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 13,800 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 7.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-100	360	490		-290	99.2	
Feb. 1	+240	700	150	+340		102.0	
Mar. 1	+380	840	10	+140		103.1	
Apr. 1	Peak +390	Peak 850	Peak 0	+ 10		103.2	
May 1	+ 90	550	300		-300	100.7	
June 1	- 30	430	420		-120	99.8	
July 1	-160	300	550		-130	98.7	
Aug. 1	Trough -460	Trough 0	Trough 850		-300	96.2	
Sep. 1	-320	140	710	+140		97.4	
Oct. 1	-180	280	570	+140		98.5	
Nov. 1	- 60	400	450	+120		99.5	
Dec. 1	+190	650	200	+250		101.6	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec Industry Machinery Manufacturing

Average Employment, 1947-51 = 9,900 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 9,900 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 6.7%

Date	Index for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+ 10	440	230		-230	100.1	
Feb. 1	- 10	420	250		- 20	99.9	
Mar. 1	+ 40	470	200	+ 50		100.4	
Apr. 1	+110	540	130	+ 70		101.1	
May 1	+180	610	60	+ 70		101.8	
June 1	+ 70	500	170		-110	100.7	
July 1	-150	280	390		-220	98.5	
Aug. 1	Trough -430	Trough 0	Trough 670		-280	95.7	
Sep. 1	-310	120	550	+120		96.9	
Oct. 1	+100	530	140	+410		101.0	
Nov. 1	+160	590	80	+ 60		101.6	
Dec. 1	+240	670	0	+ 80		102.4	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area OntarioIndustry Machinery Manufacturing

Average Employment, 1947-51 = 18,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 16,800 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 2.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+140	350	30		- 30	100.8	
Feb. 1	+140	350	30	No Change		100.8	
Mar. 1	+ 30	240	140		-110	100.2	
Apr. 1	+ 20	230	150		- 10	100.1	
May 1	+ 50	260	120	+ 30		100.3	
June 1	-130	80	300		-180	99.3	
July 1	- 50	160	220	+ 80		99.7	
Aug. 1	Trough -210	Trough 0	Trough 380		-160	98.9	
Sep. 1	-110	100	280	+100		99.4	
Oct. 1	- 50	160	220	+ 60		99.7	
Nov. 1	- 10	200	180	+ 40		99.9	
Dec. 1	Peak +170	Peak 380	Peak 0	+180		100.9	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Nova Scotia Industry Primary Iron and Steel

Average Employment, 1947-51 = 4,800 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 4,500 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 6.8%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	+ 70	220	110		- 10	101.4	
Feb. 1	+ 30	180	150		- 40	100.6	
Mar. 1	Trough -150	Trough 0	Trough 330		-180	96.9	
Apr. 1	-120	30	300	+ 30		97.5	
May 1	-110	40	290	+ 10		97.7	
June 1	- 40	110	220	+ 70		99.1	
July 1	+ 30	180	150	+ 70		100.6	
Aug. 1	- 40	110	220		- 70	99.1	
Sep. 1	Peak +180	Peak 330	Peak 0	+220		103.7	
Oct. 1	+ 30	180	150		-150	100.6	
Nov. 1	+ 30	180	150	No Change		100.6	
Dec. 1	+ 80	230	100	+ 50		101.8	



Based on D.B.S. Employment Indexes

Area	Quebec	Industry	Primary Iron and Steel		
Average Employment, 1947-51 = 4,800 (D.B.S., Employment and Payrolls)					
Average Employment, 1950 = 3,500 (D.B.S., Census of Industry and Merchandising)					
Amplitude of Seasonal Employment Variations = 3.2%					
Date	Averages for the Years 1947 to 1951				
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
				Higher + Lower -	
Jan. 1	Peak + 70	Peak 150	Peak 0	+ 10	101.5
Feb. 1	- 10	70	80	- 80	99.8
Mar. 1	- 20	60	90	- 10	99.6
Apr. 1	Trough - 80	Trough 0	Trough 150	- 60	98.3
May 1	- 60	20	130	+ 20	98.7
June 1	- 10	70	80	+ 50	99.8
July 1	- 10	70	80	No Change	99.8
Aug. 1	- 20	60	90	- 10	99.6
Sep. 1	- 10	70	80	+ 10	99.8
Oct. 1	+ 30	110	40	+ 40	100.6
Nov. 1	+ 60	140	10	+ 30	101.3
Dec. 1	+ 60	140	10	No Change	101.3



Based on D.B.S. Employment Indexes

Area Ontario Industry Primary Iron and Steel

Average Employment, 1947-51 = 20,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 19,600 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 5.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Trough -500	Trough 0	Trough 1,000		-170	97.5	
Feb. 1	-360	140	860	+140		98.2	
Mar. 1	-340	160	840	+ 20		98.3	
Apr. 1	-190	310	690	+150		99.1	
May 1	- 60	440	560	+130		99.7	
June 1	+330	830	170	+390		101.6	
July 1	Peak +500	Peak 1,000	Peak 0	+170		102.5	
Aug. 1	+420	920	80		- 80	102.1	
Sep. 1	+480	980	20	+ 60		102.4	
Oct. 1	+150	650	350		-330	100.7	
Nov. 1	-130	370	630		-280	99.4	
Dec. 1	-330	170	830		-200	98.4	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea	Ontario	Industry	Sheet Metal Products			
Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
					Higher +	Lower -
Jan. 1	Trough -150	Trough 0	Trough 320		-180	98.4
Feb. 1	- 80	70	250	+ 70		99.2
Mar. 1	-100	50	270		- 20	99.0
Apr. 1	- 90	60	260	+ 10		99.1
May 1	- 90	60	260	No Change		99.1
June 1	0	150	170	+ 90		100.0
July 1	Peak +170	Peak 320	Peak 0	+170		101.8
Aug. 1	- 90	60	260		-260	99.1
Sep. 1	Peak +170	Peak 320	Peak 0	+260		101.8
Oct. 1	+150	300	20		- 20	101.6
Nov. 1	+ 60	210	110		- 90	100.6
Dec. 1	+ 30	180	140		- 30	100.3



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Ontario	Industry	Motor Vehicles			
Date	Seasonal Employment Variations	Averages for the Years 1947 to 1951			Seasonal Index	
		Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 130	1,890	930		- 190	99.5
Feb. 1	Trough -2,020	Trough 0	Trough 2,820		-1,890	92.6
Mar. 1	- 160	1,860	960	+1,860		99.4
Apr. 1	- 530	1,490	1,330		- 370	98.1
May 1	- 430	1,590	1,230	+ 100		98.4
June 1	+ 170	2,190	630	+ 600		100.6
July 1	+ 730	2,750	70	+ 560		102.7
Aug. 1	Peak + 800	Peak 2,820	Peak 0	+ 70		102.9
Sep. 1	+ 560	2,580	240		- 240	102.1
Oct. 1	+ 600	2,620	200	+ 40		102.2
Nov. 1	+ 380	2,400	420		- 220	101.4
Dec. 1	+ 60	2,080	740		- 320	100.2



Area Ontario

Industry Motor Vehicle Parts and Accessories

Average Employment, 1947-51= 17,500 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 19,000 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 3.8%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Trough -340	Trough 0	Trough 680		- 70	98.1	
Feb. 1	-170	170	510	+170		99.0	
Mar. 1	- 40	300	380	+130		99.8	
Apr. 1	+ 10	350	330	+ 50		100.1	
May 1	+150	490	190	+140		100.9	
June 1	+190	530	150	+ 40		101.1	
July 1	Peak +340	Peak 680	Peak 0	+150		101.9	
Aug. 1	+180	520	160		-160	101.0	
Sep. 1	- 20	320	360		-200	99.9	
Oct. 1	- 50	290	390		- 30	99.7	
Nov. 1	+ 20	360	320	+ 70		100.1	
Dec. 1	-270	70	610		-290	98.5	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Quebec	Industry	Railroad and Rolling Stock Equipment			
Average Employment, 1947-51 = 14,500 (D.B.S., Employment and Payrolls)						
Average Employment, 1950 = 13,500 (D.B.S., Census of Industry and Merchandising)						
Amplitude of Seasonal Employment Variations = 4.8%						
Date	Averages for the Years 1947 to 1951					
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		Seasonal Index
				Higher +	Lower -	
Jan. 1	Peak +320	Peak 700	Peak 0	+ 20		102.2
Feb. 1	+200	580	120		-120	101.4
Mar. 1	+130	510	190		- 70	100.9
Apr. 1	- 40	340	360		-170	99.7
May 1	+ 10	390	310	+ 50		100.1
June 1	-120	260	440		-130	99.2
July 1	-260	120	580		-140	98.2
Aug. 1	-310	70	630		- 50	97.9
Sep. 1	Trough -380	Trough 0	Trough 700		- 70	97.4
Oct. 1	+ 90	470	230	+470		100.6
Nov. 1	+ 70	450	250		- 20	100.5
Dec. 1	+300	680	20	+230		102.1



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario Industry Railroad and Rolling Stock Equipment

Average Employment, 1947-51 = 7,300 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 5,700 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 5.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+ 80	250	140		-140	101.1	
Feb. 1	Trough -170	Trough 0	Trough 390		-250	97.7	
Mar. 1	-120	50	340	+ 50		98.4	
Apr. 1	0	170	220	+120		100.0	
May 1	+ 90	260	130	+ 90		101.2	
June 1	+ 80	250	140		- 10	101.1	
July 1	- 90	80	310		-170	98.8	
Aug. 1	+110	280	110	+200		101.5	
Sep. 1	-110	60	330		-220	98.5	
Oct. 1	- 10	160	230	+100		99.9	
Nov. 1	- 60	110	280		- 50	99.2	
Dec. 1	Peak +220	Peak 390	Peak 0	+280		103.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Nova Scotia Industry Shipbuilding and Repairing

verage Employment, 1947-51 = 3,500 (D.B.S., Employment and Payrolls)

verage Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

mplitude of Seasonal Employment Variations = 12.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 50	160	260	+160		98.6	
Feb. 1	0	210	210	+ 50		100.0	
Mar. 1	+150	360	60	+150		104.3	
Apr. 1	Peak +210	Peak 420	Peak 0	+ 60		106.1	
May 1	- 10	200	220		-220	99.7	
June 1	- 80	130	290		- 70	97.7	
July 1	- 60	150	270	+ 20		98.3	
Aug. 1	+ 60	270	150	+120		101.7	
Sep. 1	+ 70	280	140	+ 10		102.0	
Oct. 1	- 70	140	280		-140	98.0	
Nov. 1	- 20	190	230	+ 50		99.4	
Dec. 1	Trough -210	Trough 0	Trough 420		-190	93.9	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Quebec Industry Shipbuilding and Repairing

verage Employment, 1947-51 = 6,700 (D.B.S., Employment and Payrolls)

verage Employment, 1950 = 4,000 (D.B.S., Census of Industry and Merchandising)

plitude of Seasonal Employment Variations = 24.1%

Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Trough -900	Trough 0	Trough 1,610	Higher +	Lower -
Jan. 1					-810	86.5
Feb. 1	-830	70	1,540	+ 70		87.6
Mar. 1	-360	540	1,070	+470		94.6
Apr. 1	-350	550	1,060	+ 10		94.8
May 1	- 10	890	720	+340		99.9
June 1	+140	1,040	570	+150		102.1
July 1	+290	1,190	420	+150		104.3
Aug. 1	+580	1,480	130	+290		108.7
Sep. 1	Peak +710	Peak 1,610	Peak 0	+130		110.6
Oct. 1	+530	1,430	180		-180	107.9
Nov. 1	+280	1,180	430		-250	104.1
Dec. 1	- 90	810	800		-370	98.7



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area British Columbia Industry Shipbuilding and Repairing

Average Employment, 1947-51 = 4,800 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 2,400 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 9.4%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-100	100	350		- 20	97.9	
Feb. 1	- 30	170	280	+ 70		99.4	
Mar. 1	+ 80	280	170	+110		101.7	
Apr. 1	+ 10	210	240		- 70	100.2	
May 1	+150	350	100	+140		103.1	
June 1	Peak +250	Peak 450	Peak 0	+100		105.2	
July 1	+170	370	80		- 80	103.6	
Aug. 1	+ 40	240	210		-130	100.8	
Sep. 1	-100	100	350		-140	97.9	
Oct. 1	Trough -200	Trough 0	Trough 450		-100	95.8	
Nov. 1	-190	10	440	+ 10		96.0	
Dec. 1	- 80	120	330	+110		98.3	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea	Ontario	Industry	Brass and Copper Products			
verage Employment, 1947-51 = 5,700 (D.B.S., Employment and Payrolls)						
verage Employment, 1950 = 5,200 (D.B.S., Census of Industry and Merchandising)						
mplitude of Seasonal Employment Variations = 5.7%						
Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	+ 90	240	90	+ 90	-	101.6
Feb. 1	+160	310	20	+ 70	-	102.8
Mar. 1	Peak -180	Peak 330	Peak 0	+ 20	-	103.1
Apr. 1	+170	320	10	-	- 10	103.0
May 1	+140	290	40	-	- 30	102.4
June 1	-100	50	280	-	-240	98.3
July 1	Trough -150	Trough 0	Trough 330	-	- 50	97.4
Aug. 1	-140	10	320	+ 10	-	97.6
Sep. 1	-120	30	300	+ 20	-	97.9
Oct. 1	-120	30	300	No Change	-	97.9
Nov. 1	-120	30	300	No Change	-	97.9
Dec. 1	0	150	180	+120	-	100.0



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Quebec	Industry	Smelting and Refining
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Average Employment, 1947-51 = 7,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 10.2%

Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
				Higher +	Lower -
Jan. 1	Trough -400	Trough 0	Trough 760		-110 94.6
Feb. 1	-360	40	720	+ 40	
Mar. 1	-250	150	610	+110	
Apr. 1	- 70	330	430	+180	
May 1	+ 90	490	270	+160	101.2
June 1	+170	570	190	+ 80	102.3
July 1	+250	650	110	+ 80	103.4
Aug. 1	Peak +360	Peak 760	Peak 0	+110	
Sep. 1	+340	740	20		- 20 104.6
Oct. 1	+200	600	160		-140 102.7
Nov. 1	- 20	380	380		-220 99.7
Dec. 1	-290	110	650		-270 96.1



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Ontario		Smelting and Refining			Seasonal Index
	Industry					
Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	Trough -110	Trough 0	Trough 200		-200	98.7
Feb. 1	- 80	30	170	+ 30		99.1
Mar. 1	- 50	60	140	+ 30		99.4
Apr. 1	- 50	60	140	No Change		99.4
May 1	- 50	60	140	No Change		99.4
June 1	- 40	70	130	+ 10		99.5
July 1	+ 70	180	20	+110		100.8
Aug. 1	+ 40	150	50		- 30	100.5
Sep. 1	- 10	100	100		- 50	99.9
Oct. 1	+ 80	190	10	+ 90		100.9
Nov. 1	Peak + 90	Peak 200	Peak 0	+ 10		101.1
Dec. 1	Peak + 90	Peak 200	Peak 0	No Change		101.1



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area British Columbia Industry Smelting and Refining

Average Employment, 1947-51 = 3,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 7.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	0	120	150	+ 20		100.0
Feb. 1	- 50	70	200		- 50	98.7
Mar. 1	- 90	30	240		- 40	97.6
Apr. 1	Trough -120	Trough 0	Trough 270		- 30	96.8
May 1	-110	10	260	+ 10		97.0
June 1	- 20	100	170	+ 90		99.5
July 1	+ 40	160	110	+ 60		101.1
Aug. 1	Peak +150	Peak 270	Peak 0	+110		104.0
Sep. 1	+140	260	10		- 10	103.8
Oct. 1	+ 60	180	90		- 80	101.6
Nov. 1	- 10	110	160		- 70	99.7
Dec. 1	- 20	100	170		- 10	99.5



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec Industry Electrical Apparatus and Supplies

Average Employment, 1947-51 = 15,600 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 15,800 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 1.7%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +		
Jan. 1	- 70	60	210	+ 20	99.6	
Feb. 1	Trough -130	Trough 0	Trough 270	- 60	99.2	
Mar. 1	+ 50	180	90	+180	100.3	
Apr. 1	Peak +140	Peak 270	Peak 0	+ 90	100.9	
May 1	+ 40	170	100	-100	100.3	
June 1	+120	250	20	+ 80	100.8	
July 1	+ 50	180	90	- 70	100.3	
Aug. 1	-100	30	240	-150	99.4	
Sep. 1	- 40	90	180	+ 60	99.7	
Oct. 1	+ 10	140	130	+ 50	100.1	
Nov. 1	+ 30	160	110	+ 20	100.2	
Dec. 1	- 90	40	230	-120	99.4	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

area Ontario Electrical Apparatus and Supplies  
Industry

Average Employment, 1947-51 = 41,200 (D.B.S., Employment and Payrolls)  
Average Employment, 1950 = 38,900 (D.B.S., Census of Industry and Merchandising)  
Amplitude of Seasonal Employment Variations = 2.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	+ 60	650	200		- 90	100.1	
Feb. 1	+170	760	90	+110		100.4	
Mar. 1	0	590	260		-170	100.0	
Apr. 1	Peak +260	Peak 850	Peak 0	+260		100.6	
May 1	+230	820	30		- 30	100.6	
June 1	+200	790	60		- 30	100.5	
July 1	+120	710	140		- 80	100.3	
Aug. 1	Trough -590	Trough 0	Trough 850		-710	98.6	
Sep. 1	-500	90	760	+ 90		98.8	
Oct. 1	-180	410	440	+320		99.6	
Nov. 1	+ 20	610	240	+200		100.0	
Dec. 1	+150	740	110	+130		100.4	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario

Industry Non-Metallic Mineral Products

Average Employment, 1947-51 = 13,000 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 15,400 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 3.8%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	Trough -220	Trough 0	Trough 490		-200	98.3	
Feb. 1	-130	90	400	+ 90		99.0	
Mar. 1	-190	30	460		- 60	98.5	
Apr. 1	-150	70	420	+ 40		98.8	
May 1	- 10	210	280	+140		99.9	
June 1	+110	330	160	+120		100.8	
July 1	Peak +270	Peak 490	Peak 0	+160		102.1	
Aug. 1	+120	340	150		-150	100.9	
Sep. 1	+200	420	70	+ 80		101.5	
Oct. 1	+ 60	280	210		-140	100.5	
Nov. 1	- 20	200	290		- 80	99.8	
Dec. 1	- 20	200	290	No Change		99.8	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Alberta Industry Non-Metallic Mineral Products

Average Employment, 1947-51 = 1,600 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 2,000 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 20.1%

Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
				Higher +	Lower -
Jan. 1	- 60	70	250		- 40 96.3
Feb. 1	-110	20	300		- 50 93.1
Mar. 1	Trough -130	Trough 0	Trough 320		- 20 91.8
Apr. 1	- 80	50	270	+50	
May 1	- 40	90	230	+40	
June 1	+ 20	150	170	+60	
July 1	+110	240	80	+90	
Aug. 1	Peak +190	Peak 320	Peak 0	+80	
Sep. 1	+120	250	70		- 70 107.6
Oct. 1	0	130	190		-120 100.0
Nov. 1	- 10	120	200		- 10 99.4
Dec. 1	- 20	110	210		- 10 98.7



Based on D.B.S. Employment Indexes

Area Alberta Industry Products of Petroleum and Coal

Average Employment, 1947-51 = 900 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 900 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 10.7%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	- 30	10	90		- 10	96.8
Feb. 1	Trough - 40	Trough 0	Trough 100		- 10	95.7
Mar. 1	- 30	10	90	+ 10		96.8
Apr. 1	- 30	10	90	No Change		96.8
May 1	- 20	20	80	+ 10		97.9
June 1	- 10	30	70	+ 10		98.9
July 1	+ 20	60	40	+ 30		102.1
Aug. 1	+ 30	70	30	+ 10		103.2
Sep. 1	Peak + 60	Peak 100	Peak 0	+ 30		106.4
Oct. 1	+ 50	90	10		- 10	105.4
Nov. 1	+ 10	50	50		- 40	101.1
Dec. 1	- 20	20	80		- 30	97.9



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec Industry Chemical Products

Average Employment, 1947-51 = 17,900 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 15,700 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 22.9%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	Trough -240	Trough 0	Trough 410		-310	86.6	
Feb. 1	-150	90	320	+ 90		91.6	
Mar. 1	- 90	150	260	+ 60		95.0	
Apr. 1	- 40	200	210	+ 50		97.8	
May. 1	+ 20	260	150	+ 60		101.1	
June 1	+ 90	330	80	+ 70		105.0	
July 1	+140	380	30	+ 50		107.8	
Aug. 1	- 20	220	190		-160	98.9	
Sep. 1	+ 10	250	160	+ 30		100.6	
Oct. 1	+ 40	280	130	+ 30		102.2	
Nov. 1	Peak +170	Peak 410	Peak 0	+130		109.5	
Dec. 1	+ 70	310	100		-100	103.9	



Based on D.B.S. Employment Indexes

Area Ontario

Industry Chemical Products

Average Employment, 1947-51 = 23,200 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 21,800 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 3.1%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 350	0	730		- 330	98.5	
Feb. 1	- 180	170	560	+ 170		99.2	
Mar. 1	- 190	160	570		- 10	99.2	
Apr. 1	- 150	200	530	+ 40		99.4	
May 1	- 20	330	400	+ 130		99.9	
June 1	+ 100	450	280	+ 120		100.4	
July 1	+ 380	730	0	+ 280		101.6	
Aug. 1	+ 200	550	180		- 180	100.9	
Sep. 1	+ 120	470	260		- 80	100.5	
Oct. 1	+ 80	430	300		- 40	100.3	
Nov. 1	+ 80	430	300	No Change		100.3	
Dec. 1	- 20	330	400		- 100	99.9	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area British Columbia Industry Chemical Products

Average Employment, 1947-51 = 2,500 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 2,500 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 3.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	Trough - 40	Trough 0	Trough 80		- 10	98.4	
Feb. 1	+ 10	50	30	+ 50		100.4	
Mar. 1	0	40	40		- 10	100.0	
Apr. 1	+ 20	60	20	+ 20		100.8	
May 1	+ 20	60	20	No Change		100.8	
June 1	Peak + 40	Peak 80	Peak 0	+ 20		101.6	
July 1	0	40	40		- 40	100.0	
Aug. 1	+ 20	60	20	+ 20		100.8	
Sep. 1	0	40	40		- 20	100.0	
Oct. 1	- 20	20	60		- 20	99.2	
Nov. 1	- 20	20	60	No Change		99.2	
Dec. 1	- 30	10	70		- 10	98.8	



Area Nova Scotia      Industry Buildings and Structures

Average Employment, 1947-51 = 4,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 33.7%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-240	490	990		-770	94.5	
Feb. 1	-470	260	1,220		-230	89.3	
Mar. 1	Trough -730	Trough 0	Trough 1,480		-260	83.4	
Apr. 1	-660	70	1,410	+ 70		85.0	
May 1	-640	90	1,390	+ 20		85.4	
June 1	-270	460	1,020	+370		93.8	
July 1	+ 80	810	670	+350		101.8	
Aug. 1	+290	1,020	460	+210		106.6	
Sep. 1	+720	1,450	30	+430		116.4	
Oct. 1	+660	1,390	90		- 60	115.0	
Nov. 1	Peak +750	Peak 1,480	Peak 0	+ 90		117.1	
Dec. 1	+530	1,260	220		-220	112.1	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	New Brunswick	Industry	Buildings and Structures
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Average Employment, 1947-51 = 3,800 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 45.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-290	590	1,120		-860	92.3	
Feb. 1	-600	280	1,430		-310	84.1	
Mar. 1	Trough -880	Trough 0	Trough 1,710		-280	76.7	
Apr. 1	-850	30	1,680	+ 30		77.5	
May 1	-690	190	1,520	+160		81.7	
June 1	-270	610	1,100	+420		92.9	
July 1	+190	1,070	640	+460		105.0	
Aug. 1	+510	1,390	320	+320		113.5	
Sep. 1	+710	1,590	120	+200		118.8	
Oct. 1	Peak +830	Peak 1,710	Peak 0	+120		122.0	
Nov. 1	+760	1,640	70	- 70		120.1	
Dec. 1	+570	1,450	260		-190	115.1	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec Industry Building and Structures

Average Employment, 1947-51 = 30,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 34.2 %

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	-2,830	2,650	7,850		-5,530	90.6	
Feb. 1	-4,230	1,300	9,200		-1,350	86.2	
Mar. 1	Trough -5,530	Trough 0	Trough 10,500		-1,300	82.0	
Apr. 1	-5,400	130	10,370	+ 130		82.4	
May 1	-3,620	1,910	8,590	+1,780		88.2	
June 1	- 490	5,040	5,460	+3,130		98.4	
July 1	+2,020	7,550	2,950	+2,510		106.6	
Aug. 1	+3,940	9,470	1,030	+1,920		112.9	
Sep. 1	Peak +4,970	Peak 10,500	Peak 0	+1,030		116.2	
Oct. 1	+4,580	10,110	390		- 390	114.9	
Nov. 1	+4,000	9,530	970		- 530	113.0	
Dec. 1	+2,650	8,180	2,320		-1,350	108.6	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Ontario	Industry	Buildings and Structures	Change in Seasonal Employment from Preceding Month		Seasonal Index
Date	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis- Employment (Less than Seasonal Peak)	Higher +	Lower -	
Jan. 1	-1,910	2,500	5,950		-4,870	96.0
Feb. 1	-3,370	1,040	7,410		-1,460	93.0
Mar. 1	Trough -4,410	Trough 0	Trough 8,450		-1,040	90.8
Apr. 1	-3,820	590	7,860	+ 590		92.0
May 1	-2,580	1,830	6,620	+1,240		94.6
June 1	- 790	3,620	4,830	+1,790		98.4
July 1	+1,640	6,050	2,400	+2,430		103.4
Aug. 1	+1,970	6,380	2,070	+ 330		104.1
Sep. 1	+2,880	7,290	1,160	+ 910		106.0
Oct. 1	+3,380	7,790	660	+ 500		107.0
Nov. 1	Peak +4,040	Peak 8,450	Peak 0	+ 660		108.4
Dec. 1	+2,960	7,370	1,080		-1,080	106.2



Based on D.B.S. Employment Indexes

Area Manitoba Industry Buildings and Structures

Average Employment, 1947-51 = 6,000 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 39.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 600	520	1,850		- 1,140	90.0	
Feb. 1	-1,080	40	2,330		- 480	81.9	
Mar. 1	Trough -1,120	Trough 0	Trough 2,370		- 40	81.3	
Apr. 1	Trough -1,120	Trough 0	Trough 2,370	No change		81.3	
May 1	- 890	230	2,140	+230		85.1	
June 1	- 360	760	1,610	+530		94.0	
July 1	+ 380	1,500	870	+740		106.4	
Aug. 1	+ 800	1,920	450	+420		113.4	
Sep. 1	+1,100	2,220	150	+300		118.4	
Oct. 1	+1,100	2,220	150	No change		118.4	
Nov. 1	Peak +1,250	Peak 2,370	Peak 0	+150		120.9	
Dec. 1	+ 540	1,660	710		- 710	109.0	



Based on D.B.S. Employment Indexes

Area	Saskatchewan	Industry	Buildings and Structures
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Average Employment, 1947-51 = 3,500 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 47.1%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 460	420	1,250		- 740	87.0	
Feb. 1	- 740	140	1,530		- 280	79.1	
Mar. 1	- 870	10	1,660		- 130	75.4	
Apr. 1	Trough - 880	Trough 0	Trough 1,670		- 10	75.2	
May 1	- 510	370	1,300	+ 370		85.6	
June 1	+ 160	1,040	630	+ 670		104.5	
July 1	+ 430	1,310	360	+ 270		112.1	
Aug. 1	+ 670	1,550	120	+ 240		118.9	
Sep. 1	+ 580	1,460	210		- 90	116.4	
Oct. 1	+ 560	1,440	230		- 20	115.8	
Nov. 1	Peak + 790	Peak 1,670	Peak 0	+ 230		122.3	
Dec. 1	+ 280	1,160	510		- 510	107.9	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Alberta Industry Buildings and Structures

Average Employment, 1947-51 = 5,200 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 30.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 520	340	1,230		- 680	90.0
Feb. 1	- 740	120	1,450		- 220	85.7
Mar. 1	Trough - 860	Trough 0	Trough 1,570		- 120	83.4
Apr. 1	- 760	100	1,470	+ 100		85.3
May 1	- 350	510	1,060	+ 410		93.2
June 1	+ 350	1,210	360	+ 700		106.8
July 1	+ 360	1,220	350	+ 10		107.0
Aug. 1	+ 620	1,480	90	+ 260		112.0
Sep. 1	Peak + 710	Peak 1,570	Peak 0	+ 90		113.7
Oct. 1	+ 560	1,420	150		- 150	110.8
Nov. 1	+ 480	1,340	230		- 80	109.3
Dec. 1	+ 160	1,020	550		- 320	103.1



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area British Columbia      Industry Buildings and Structures  
 Average Employment, 1947-51 = 11,600 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.S.B., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 25.9%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 1,430	90	2,920		- 1,390	87.7	
Feb. 1	Trough - 1,520	Trough 0	Trough 3,010		- 90	86.9	
Mar. 1	- 1,340	180	2,830	+ 180		88.5	
Apr. 1	- 540	980	2,030	+ 800		95.4	
May 1	- 180	1,340	1,670	+ 360		98.5	
June 1	+ 610	2,130	880	+ 790		105.2	
July 1	+ 620	2,140	870	+ 10		105.3	
Aug. 1	+ 840	2,360	650	+ 220		107.2	
Sep. 1	Peak + 1,490	Peak 3,010	Peak 0	+ 650		112.8	
Oct. 1	+ 990	2,510	500		- 500	108.5	
Nov. 1	+ 470	1,990	1,020		- 520	104.0	
Dec. 1	- 40	1,480	1,530		- 510	99.7	



Based on D.B.S. Employment Indexes

Area Nova Scotia Industry Highways, Bridges and Streets

Average Employment, 1947-51 = 11,100 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 99.9%

Date	Average for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 3,460	2,610	8,520		- 7,140	68.9	
Feb. 1	- 3,520	2,550	8,580		- 60	68.4	
Mar. 1	Trough - 6,070	Trough 0	Trough 11,130		- 2,550	45.5	
Apr. 1	- 5,310	760	10,370	+ 760		52.3	
May 1	- 3,710	2,360	8,770	+ 1,600		66.7	
June 1	- 1,320	4,750	6,380	+ 2,390		88.2	
July 1	+ 2,680	8,750	2,380	+ 4,000		124.1	
Aug. 1	+ 3,530	9,600	1,530	+ 850		131.7	
Sep. 1	+ 3,430	9,500	1,630		- 100	130.8	
Oct. 1	Peak + 5,060	Peak 11,130	Peak 0	+ 1,630		145.4	
Nov. 1	+ 4,980	11,050	80		- 80	144.7	
Dec. 1	+ 3,680	9,750	1,380		- 1,300	133.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area New BrunswickIndustry Highways, Bridges, and Streets

Average Employment, 1947-51 = 6,100 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 73.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 1,020	1,790	2,650		- 1,620	83.2	
Feb. 1	- 2,510	300	4,140		- 1,490	58.6	
Mar. 1	Trough - 2,810	Trough 0	Trough 4,440		- 300	53.7	
Apr. 1	- 1,830	980	3,460	+ 980		69.8	
May 1	+ 510	3,320	1,120	+ 2,340		108.4	
June 1	+ 1,330	4,140	300	+ 820		121.9	
July 1	+ 1,260	4,070	370		- 70	120.8	
Aug. 1	+ 1,450	4,260	180	+ 190		123.9	
Sep. 1	Peak + 1,630	Peak 4,440	Peak 0	+ 180		126.9	
Oct. 1	+ 1,140	3,950	490		- 490	118.8	
Nov. 1	+ 250	3,060	1,380		- 890	104.1	
Dec. 1	+ 600	3,410	1,030	+ 350		109.9	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area, Quebec Industry Highways, Bridges and Streets

Average Employment, 1947-51 = 20,600 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 78.0%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	- 4,210	4,380	11,680		- 6,590 79.6	
Feb. 1	- 7,090	1,500	14,560		- 2,880 65.6	
Mar. 1	- 7,700	890	15,170		- 610 62.6	
Apr. 1	Trough - 8,590	Trough 0	Trough 16,060		- 890 58.3	
May 1	- 2,000	6,590	9,470	+ 6,590		
June 1	+ 1,350	9,940	6,120	+ 3,350		
July 1	+ 3,040	11,630	4,430	+ 1,690		
Aug. 1	Peak + 7,470	Peak 16,060	Peak 0	+ 4,430		
Sep. 1	+ 6,290	14,880	1,180		- 1,180 130.6	
Oct. 1	+ 4,930	13,520	2,540		- 1,360 123.9	
Nov. 1	+ 4,170	12,760	3,300		- 760 120.3	
Dec. 1	+ 2,380	10,970	5,090		- 1,790 111.6	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario Industry Highways, Bridges and Streets  
 Average Employment, 1947-51 = 19,000 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 34.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 1,560	1,910	4,550		- 2,390	91.8	
Feb. 1	- 2,310	1,160	5,300		- 750	87.8	
Mar. 1	Trough - 3,470	Trough 0	Trough 6,460		- 1,160	81.7	
Apr. 1	- 3,010	460	6,000	+ 460		84.2	
May 1	- 1,800	1,670	4,790	+ 1,210		90.5	
June 1	+ 200	3,670	2,790	+ 2,000		101.1	
July 1	+ 1,560	5,030	1,430	+ 1,360		108.2	
Aug. 1	Peak + 2,990	Peak 6,460	Peak 0	+ 1,430		115.7	
Sep. 1	+ 2,850	6,320	140		- 140	115.0	
Oct. 1	+ 2,170	5,640	820		- 680	111.4	
Nov. 1	+ 1,530	5,000	1,460		- 640	108.0	
Dec. 1	+ 830	4,300	2,160		- 760	104.4	



Based on D.B.S. Employment Indexes

Area SaskatchewanIndustry Highways, Bridges and Streets

Average Employment, 1947-51 = 3,100 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N. A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 81.7%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	- 640	740	1,830		- 1,060	79.7
Feb. 1	- 1,360	20	2,550		- 720	56.8
Mar. 1	Trough - 1,380	Trough 0	Trough 2,570		- 20	56.1
Apr. 1	- 1,350	30	2,540	+ 30		57.1
May 1	- 1,210	170	2,400	+ 140		61.5
June 1	+ 610	1,990	580	+ 1,820		119.4
July 1	+ 940	2,320	250	+ 330		129.9
Aug. 1	+ 1,150	2,530	40	+ 210		136.6
Sep. 1	Peak + 1,190	Peak 2,570	Peak 0	+ 40		137.8
Oct. 1	+ 980	2,360	210		- 210	131.2
Nov. 1	+ 640	2,020	550		- 340	120.3
Dec. 1	+ 420	1,800	770		- 220	113.4



Area Alberta Industry Highways, Bridges and Streets

Average Employment, 1947-51 = 5,000 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 56.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Disemployment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 550	880	1,930		- 600	88.9	
Feb. 1	- 1,420	10	2,800		- 870	71.4	
Mar. 1	Trough - 1,430	Trough 0	Trough 2,810		- 10	71.2	
Apr. 1	Trough - 1,430	Trough 0	Trough 2,810	No Change		71.2	
May 1	- 630	800	2,010	+ 800		87.3	
June 1	+ 380	1,810	1,000	+1,010		107.6	
July 1	+ 730	2,160	650	+ 350		114.7	
Aug. 1	+ 1,090	2,520	290	+ 360		121.9	
Sep. 1	+ 1,250	2,680	130	+ 160		125.2	
Oct. 1	Peak + 1,380	Peak 2,810	Peak 0	+ 130		127.8	
Nov. 1	+ 590	2,020	790		- 790	111.9	
Dec. 1	+ 50	1,480	1,330		- 540	101.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area British Columbia      Industry Highways, Bridges and Streets  
 Average Employment, 1947-51 = 8,400 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N. A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 35.7%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	-1,170	460	2,520		-1,100	86.0	
Feb. 1	-1,580	50	2,930		- 410	81.1	
Mar. 1	Trough -1,630	Trough 0	Trough 2,980		- 50	80.5	
Apr. 1	- 940	690	2,290	+ 690		88.8	
May 1	- 220	1,410	1,570	+ 720		97.4	
June 1	+ 500	2,130	850	+ 720		106.0	
July 1	+1,030	2,660	320	+ 530		112.3	
Aug. 1	Peak +1,350	Peak 2,980	Peak 0	+ 320		116.2	
Sep. 1	+1,290	2,920	60		- 60	115.4	
Oct. 1	+ 860	2,490	490		- 430	110.3	
Nov. 1	+ 580	2,210	770		- 280	106.9	
Dec. 1	- 70	1,560	1,420		- 650	99.2	



Based on D.B.S. Employment Indexes

Area Quebec Industry Electric and Motor Transportation \*

Average Employment, 1947-51 = 11,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising,  
Amplitude of Seasonal Employment Variations = 2.8%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 70	80	250		- 200	99.4	
Feb. 1	Trough -150	Trough 0	Trough 330		- 80	98.7	
Mar. 1	-100	50	280	+ 50		99.1	
Apr. 1	-140	10	320		- 40	98.8	
May 1	- 40	110	220	+100		99.7	
June 1	+ 70	220	110	+110		100.6	
July 1	Peak +180	Peak 330	Peak 0	+110		101.5	
Aug. 1	+ 20	170	160		-160	100.2	
Sep. 1	- 80	70	260		-100	99.3	
Oct. 1	+ 90	240	90	+170		100.8	
Nov. 1	+110	260	70	+ 20		100.9	
Dec. 1	+130	280	50	+ 20		101.1	

\* Includes truck transportation.



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario Industry Electric and Motor Transportation<sup>4</sup>

Average Employment, 1947-51=18,400 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 3.2%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	- 150	170	430		- 200	99.2
Feb. 1	- 270	50	550		- 120	98.5
Mar. 1	- 300	20	580		- 30	98.4
Apr. 1	Trough - 320	Trough 0	Trough 600		- 20	98.3
May 1	- 90	230	370	+ 230		99.5
June 1	+ 60	380	220	+ 150		100.3
July 1	+ 230	550	50	+ 170		101.3
Aug. 1	Peak + 280	Peak 600	Peak 0	+ 50		101.5
Sep. 1	+ 270	590	10		- 10	101.5
Oct. 1	+ 160	480	120		- 110	100.9
Nov. 1	+ 100	420	180		- 60	100.5
Dec. 1	+ 50	370	230		- 50	100.3

\* Includes truck transportation.



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Alberta Industry Electric and Motor Transportation \*

verage Employment, 1947-51 = 2,500 (D.B.S., Employment and Payrolls)  
 verage Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 mplitude of Seasonal Employment Variations = 12.0%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +		
Jan. 1	- 60	70	230		- 90 97.6	
Feb. 1	Trough -130	Trough 0	Trough 300		- 70 94.8	
Mar. 1	Trough -130	Trough 0	Trough 300	No Change	94.8	
Apr. 1	Trough -130	Trough 0	Trough 300	No Change	94.8	
May 1	-110	20	280	+ 20	95.6	
June 1	0	130	170	+110	100.0	
July 1	+120	250	50	+120	104.8	
Aug. 1	+160	290	10	+ 40	106.4	
Sep. 1	Peak +170	Peak 300	Peak 0	+ 10	106.8	
Oct. 1	+100	230	70		- 70 104.0	
Nov. 1	- 20	110	190		-120 99.2	
Dec. 1	+ 30	160	140	+ 50		
					101.2	

\* Includes truck transportation.



Based on D.B.S. Employment Indexes

Area British Columbia Industry Electric and Motor Transportation <sup>4</sup>

Average Employment, 1947-51 = 5,100 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 6.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	0	200	120		- 40	100.0	
Feb. 1	+ 10	210	110	+ 10		100.1	
Mar. 1	Trough -200	Trough 0	Trough 320		-210	96.1	
Apr. 1	-160	40	280	+ 40		96.8	
May 1	-160	40	280	0		96.8	
June 1	- 20	180	140	+140		99.6	
July 1	+ 30	230	90	+ 50		100.6	
Aug. 1	Peak +120	Peak 320	Peak 0	+ 90		102.4	
Sep. 1	Peak +120	Peak 320	Peak 0	No Change		102.4	
Oct. 1	Peak +120	Peak 320	Peak 0	No Change		102.4	
Nov. 1	+ 90	290	30		- 30	101.8	
Dec. 1	+ 40	240	80		- 50	100.8	

\* Includes truck transportation.



Area Nova Scotia Industry Steam Railways

Average Employment, 1947-51 = 6,600 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 8.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 30	230	320	+100		99.5	
Feb. 1	+170	430	120	+200		102.6	
Mar. 1	Trough -260	Trough 0	Trough 550		-430	96.1	
Apr. 1	- 70	190	360	+190		98.9	
May 1	-260	0	550		-190	96.1	
June 1	-170	90	460	+ 90		97.4	
July 1	- 20	240	310	+150		99.7	
Aug. 1	+180	440	110	+200		102.7	
Sep. 1	+260	520	30	+ 80		103.9	
Oct. 1	Peak +290	Peak 550	Peak 0	+ 30		104.4	
Nov. 1	+ 20	280	310		-270	100.3	
Dec. 1	-130	130	420		-150	98.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area New Brunswick Industry Steam Railways

Average Employment, 1947-51 = 9,400 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 17.7%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+340	1,040	630	+920		103.6	
Feb. 1	+670	1,370	300	+330		107.1	
Mar. 1	Peak +970	Peak 1,670	Peak 0	+300		110.3	
Apr. 1	+810	1,510	160		-160	108.6	
May 1	+100	800	870		-710	101.1	
June 1	Trough -700	Trough 0	Trough 1,670		-800	92.6	
July 1	-490	210	1,460	+210		94.8	
Aug. 1	-280	420	1,250	+210		97.0	
Sep. 1	-140	560	1,110	+140		98.5	
Oct. 1	-300	400	1,270		-160	96.8	
Nov. 1	-440	260	1,410		-140	95.3	
Dec. 1	-580	120	1,550		-140	93.9	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec Industry Steam Railways

Average Employment, 1947-51 = 41,000 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 11.1%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	-1,610	860	3,680		-1,810	96.1
Feb. 1	-1,420	1,050	3,490	+ 190		96.5
Mar. 1	- 570	1,900	2,640	+ 850		98.6
Apr. 1	- 720	1,750	2,790		- 150	98.2
May 1	Trough -2,470	Trough 0	Trough 4,540		-1,750	94.0
June 1	- 620	1,850	2,690	+1,850		98.5
July 1	+ 580	3,050	1,490	+1,200		101.4
Aug. 1	+1,930	4,400	140	+1,350		104.7
Sept. 1	Peak +2,070	Peak 4,540	Peak 0	+ 140		105.1
Oct. 1	+1,710	4,180	360		- 360	104.2
Nov. 1	+ 920	3,390	1,150		- 790	102.2
Dec. 1	+ 200	2,670	1,870		- 720	100.5



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area      Ontario      Industry      Steam Railways

Average Employment, 1947-51 = 48,000 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 7.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 540	1,120	2,300		-610	98.9	
Feb. 1	-1,220	440	2,980		-680	97.5	
Mar. 1	Trough -1,660	Trough 0	Trough 3,420		-440	96.5	
Apr. 1	-1,620	40	3,380	+ 40		96.6	
May 1	-1,520	140	3,280	+ 100		96.8	
June 1	- 100	1,560	1,860	+1,420		99.8	
July 1	+1,080	2,740	680	+1,180		102.2	
Aug. 1	Peak +1,760	Peak 3,420	Peak 0	+ 680		103.7	
Sep. 1	+1,660	3,320	100		-100	103.5	
Oct. 1	+1,420	3,080	340		-240	103.0	
Nov. 1	+ 710	2,370	1,050		-710	101.5	
Dec. 1	+ 70	1,730	1,690		-640	100.1	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Manitoba	Industry	Steam Railways					
Average Employment, 1947-51 = 20,200 (D.B.S., Employment and Payrolls)								
Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)								
Amplitude of Seasonal Employment Variations = 11.1%								
Date	Averages for the Years 1947 to 1951					Seasonal Index		
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month				
Jan. 1	- 30	1,200	1,050		-330	99.9		
Feb. 1	- 720	510	1,740		-690	96.4		
Mar. 1	- 930	300	1,950		-210	95.4		
Apr. 1	Trough -1,230	Trough 0	Trough 2,250		-300	93.9		
May 1	-1,070	160	2,090	+160		94.7		
June 1	- 300	930	1,320	+770		98.5		
July 1	+ 350	1,580	670	+650		101.7		
Aug. 1	+ 950	2,180	70	+600		104.7		
Sep. 1	+ 890	2,120	130		- 60	104.4		
Oct. 1	Peak +1,020	Peak 2,250	Peak 0	+130		105.0		
Nov. 1	+ 720	1,950	300		-300	103.6		
Dec. 1	+ 300	1,530	720		-420	101.5		



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Saskatchewan	Industry	Steam Railways
Average Employment, 1947-51 = 11,000 (D.B.S., Employment and Payrolls)			
Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)			
Amplitude of Seasonal Employment Variations = 12.5%			

Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	-280	410	960		-370	97.5
Feb. 1	Trough -690	Trough 0	Trough 1,370		-410	93.7
Mar. 1	-490	200	1,170	+200		95.6
Apr. 1	-520	170	1,200		-30	95.3
May 1	-440	250	1,120	+80		96.0
June 1	-10	680	690	+430		99.9
July 1	+250	940	430	+260		102.3
Aug. 1	+630	1,320	50	+380		105.7
Sep. 1	Peak +680	Peak 1,370	Peak 0	+50		106.2
Oct. 1	+490	1,180	190		-190	104.4
Nov. 1	+300	990	380		-190	102.7
Dec. 1	+90	780	590		-210	100.8



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Alberta Industry Steam Railways

Average Employment, 1947-51 = 13,000 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 11.4%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-260	470	1,010		-270	98.0	
Feb. 1	-650	80	1,400		-390	95.0	
Mar. 1	Trough -730	Trough 0	Trough 1,480		-80	94.4	
Apr. 1	-500	230	1,250	+230		96.1	
May 1	-220	510	970	+280		98.3	
June 1	+180	910	570	+400		101.4	
July 1	+450	1,180	300	+270		103.5	
Aug. 1	Peak +750	Peak 1,480	Peak 0	+300		105.8	
Sep. 1	+630	1,360	120		-120	104.9	
Oct. 1	+260	990	490		-370	102.0	
Nov. 1	+ 80	810	670		-180	100.6	
Dec. 1	+ 10	740	740		- 70	100.1	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	Nova Scotia	Industry	Water Transportation						
Average Employment, 1947-51 = 3,300 (D.B.S., Employment and Payrolls)									
Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)									
Amplitude of Seasonal Employment Variations = 64.4%									
Date	Averages for the Years 1947 to 1951					Seasonal Index			
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month					
				Higher +	Lower -				
Jan. 1	Peak +1,290	Peak 2,140	Peak 0	+1,370		138.8			
Feb. 1	+1,020	1,870	270		- 270	130.7			
Mar. 1	+1,150	2,000	140	+ 130		134.6			
Apr. 1	Peak +1,290	Peak 2,140	Peak 0	+ 140		138.8			
May 1	- 300	550	1,590		-1,590	91.0			
June 1	- 640	210	1,930		- 340	80.8			
July 1	Trough - 850	Trough 0	Trough 2,140		- 210	74.4			
Aug. 1	- 820	30	2,110	+ 30		75.3			
Sep. 1	- 620	230	1,910	+ 200		81.4			
Oct. 1	- 700	150	1,990		- 80	78.9			
Nov. 1	- 740	110	2,030		- 40	77.7			
Dec. 1	- 80	770	1,370	+ 660		97.6			



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	New Brunswick	Industry	Water Transportation
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Average Employment, 1947-51 = 2,100 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 125.5%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +		
Jan. 1	+1,250	2,180	430	+2,100	160.1	
Feb. 1	+1,330	2,260	350	+ 80	164.0	
Mar. 1	+1,670	2,600	10	+ 340	180.3	
Apr. 1	Peak +1,680	Peak 2,610	Peak 0	+ 10	180.8	
May 1	0	930	1,680	-1,680	100.0	
June 1	- 780	150	2,460	- 780	62.5	
July 1	- 890	40	2,570	- 110	57.2	
Aug. 1	- 790	140	2,470	+ 100	62.0	
Sep. 1	Trough - 930	Trough 0	Trough 2,610	- 140	55.3	
Oct. 1	- 810	120	2,490	+ 120	61.0	
Nov. 1	- 870	60	2,550	- 60	58.2	
Dec. 1	- 850	80	2,530	+ 20	59.1	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec Industry Water Transportation

Average Employment, 1947-51 = 9,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 90.0%

Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
				Higher +	Lower -
Jan. 1	-3,150	2,310	6,350		-5,930 66.6
Feb. 1	-5,400	60	8,600		-2,250 42.7
Mar. 1	Trough -5,460	Trough 0	Trough 8,660		- 60 42.0
Apr. 1	-4,920	540	8,120	+ 540	
May 1	- 100	5,360	3,300	+4,820	
June 1	+2,520	7,980	680	+2,620	126.8
July 1	Peak +3,200	Peak 8,660	Peak 0	+ 680	134.0
Aug. 1	+3,110	8,570	90		- 90 133.0
Sep. 1	+2,440	7,900	760		- 670 125.9
Oct. 1	+2,670	8,130	530	+ 230	128.3
Nov. 1	+2,350	7,810	850		- 320 125.0
Dec. 1	+2,780	8,240	420	+ 430	129.5



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area	British Columbia		Industry	Water Transportation		
Date	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		Seasonal Index
				Higher +	Lower -	
Jan. 1	Trough -330	Trough 0	Trough 900		- 90	96.1
Feb. 1	-230	100	800	+100		97.3
Mar. 1	-250	80	820		- 20	97.0
Apr. 1	-320	10	890		- 70	96.2
May 1	-290	40	860	+ 30		96.5
June 1	+ 90	420	480	+380		101.1
July 1	+340	670	230	+250		104.1
Aug. 1	+490	820	80	+150		105.9
Sep. 1	Peak +570	Peak 900	Peak 0	+ 80		106.8
Oct. 1	+140	470	430	- 40	- 430	101.7
Nov. 1	+ 50	380	520		- 90	100.6
Dec. 1	-240	570	330		-290	97.1



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec Industry Communication \*

Average Employment, 1947-51= 12,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 4.4%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 100	120	440		- 70	99.2	
Feb. 1	- 170	50	510		- 70	98.7	
Mar. 1	Trough - 220	Trough 0	Trough 560		- 50	98.3	
Apr. 1	- 170	50	510	+ 50		98.7	
May 1	- 190	30	530		- 20	98.5	
June 1	0	220	340	+190		100.0	
July 1	+ 170	390	170	+170		101.3	
Aug. 1	Peak + 340	Peak 560	Peak 0	+170		102.7	
Sep. 1	+ 270	490	70		- 70	102.1	
Oct. 1	+ 90	310	250		-180	100.7	
Nov. 1	+ 50	270	290		- 40	100.4	
Dec. 1	- 30	190	370		- 80	99.8	

Includes radio broadcasting and telephones,



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario Industry Communication<sup>\*</sup>

Average Employment, 1947-51 = 18,900 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 4.2%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	- 210	30	750		- 70	98.9
Feb. 1	- 230	10	770		- 20	98.8
Mar. 1	Trough - 240	Trough 0	Trough 780		- 10	98.7
Apr. 1	- 170	70	710	+ 70		99.1
May 1	- 50	190	590	+120		99.7
June 1	+ 40	280	500	+ 90		100.2
July 1	+ 310	550	230	+270		101.6
Aug. 1	Peak + 540	Peak 780	Peak 0	+230		102.9
Sep. 1	+ 330	570	210		-210	101.7
Oct. 1	+ 30	270	510		-300	100.2
Nov. 1	- 170	70	710		-200	99.1
Dec. 1	- 140	100	680	+ 30		99.3

\* Includes radio broadcasting and telephones.



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area      British Columbia

Industry      Communication \*

Average Employment, 1947-51 = 5,200 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 5.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 10	110	160	+ 20		99.8	
Feb. 1	-110	10	260		- 100	97.9	
Mar. 1	Trough -120	Trough 0	Trough 270		- 10	97.7	
Apr. 1	-100	20	250	+ 20		98.1	
May 1	- 90	30	240	+ 10		98.3	
June 1	0	120	150	+ 90		100.0	
July 1	+ 80	200	70	+ 80		101.5	
Aug. 1	Peak +150	Peak 270	Peak 0	+ 70		102.9	
Sep. 1	+110	230	40		- 40	102.1	
Oct. 1	+ 90	210	60		- 20	101.7	
Nov. 1	+ 50	170	100		- 40	101.0	
Dec. 1	- 30	90	180		- 80	99.4	

\* Includes radio broadcasting and telephones.



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec

Industry Public Utility Operation

Average Employment, 1947-51 = 8,500 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 14.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 180	380	810		- 200	97.9	
Feb. 1	- 330	230	960		- 150	96.1	
Mar. 1	- 470	90	1,100		- 140	94.5	
Apr. 1	Trough - 560	Trough 0	Trough 1,190		- 90	93.4	
May 1	- 460	100	1,090	+ 100		94.6	
June 1	- 160	400	790	+ 300		98.1	
July 1	+ 250	810	380	+ 410		102.9	
Aug. 1	+ 620	1,180	10	+ 370		107.3	
Sep. 1	Peak + 630	Peak 1,190	Peak 0	+ 10		107.4	
Oct. 1	+ 400	960	230		- 230	104.7	
Nov. 1	+ 270	830	360		- 130	103.2	
Dec. 1	+ 20	580	610		- 250	100.2	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario Industry Public Utility Operation

Average Employment, 1947-51 = 16,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 8.8%

Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
		Higher +	Lower -		
Jan. 1	- 340	280	1,160	- 220 ..	97.9
Feb. 1	- 490	130	1,310	- 150	97.0
Mar. 1	- 610	10	1,430	- 120	96.3
Apr. 1	Trough - 620	Trough 0	Trough 1,440	- 10	96.2
May 1	- 470	150	1,290	+ 150	97.1
June 1	+ 210	830	610	+ 680	101.3
July 1	+ 680	1,300	140	+ 470	104.2
Aug. 1	Peak + 820	Peak 1,440	Peak 0	+ 140	105.0
Sep. 1	+ 730	1,350	90	- 90	104.5
Oct. 1	+ 230	850	590	- 500	101.4
Nov. 1	+ 10	630	810	- 220	100.1
Dec. 1	- 120	500	940	- 130	99.3



Based on D.B.S. Employment Indexes

Area British Columbia

Industry Public Utility Operation

Average Employment, 1947-51 = 3,900 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 7.9%

Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
		Higher +	Lower -		
Jan. 1	Trough - 160	Trough 0	Trough 310		- 110 95.9
Feb. 1	Trough - 160	Trough 0	Trough 310	No Change	95.9
Mar. 1	- 20	140	170	+ 140	99.5
Apr. 1	- 60	100	210	- 40	98.5
May 1	0	160	150	+ 60	100.0
June 1	Peak + 150	Peak 310	Peak 0	+ 150	103.8
July 1	+ 60	220	90	- 90	101.5
Aug. 1	+ 130	290	20	+ 70	103.3
Sep. 1	Peak + 150	Peak 310	Peak 0	+ 20	103.8
Oct. 1	+ 40	200	110	- 110	101.0
Nov. 1	- 70	90	220	- 110	98.2
Dec. 1	- 50	110	200	+ 20	98.7



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

rea Nova Scotia Industry Wholesale Trade

verage Employment, 1947-51 = 3,400 (D.B.S., Employment and Payrolls)  
 verage Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 mplitude of Seasonal Employment Variations = 9.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	+ 30	150	160		- 130	100.9	
Feb. 1	+ 40	160	150	+ 10		101.2	
Mar. 1	- 20	100	210		- 60	99.4	
Apr. 1	- 80	40	270		- 60	97.7	
May 1	Trough - 120	Trough 0	Trough 310		- 40	96.5	
June 1	Trough - 120	Trough 0	Trough 310	No Change		96.5	
July 1	- 100	20	290	+ 20		97.1	
Aug. 1	- 50	70	240	+ 50		98.5	
Sept. 1	- 10	110	200	+ 40		99.7	
Oct. 1	+ 100	220	90	+110		102.9	
Nov. 1	Peak + 190	Peak 310	Peak 0	+ 90		105.5	
Dec. 1	+ 160	280	30		- 30	104.7	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area New Brunswick Industry Wholesale Trade

Average Employment, 1947-51=2,800 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 5.3%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	+ 30	110	40		- 40	101.1
Feb. 1	+ 10	90	60		- 20	100.4
Mar. 1	- 70	10	140		- 80	97.5
Apr. 1	- 60	20	130	+ 10		97.9
May 1	Trough - 80	Trough 0	Trough 150		- 20	97.2
June 1	- 50	30	120	+ 30		98.2
July 1	- 10	70	80	+ 40		99.6
Aug. 1	+ 20	100	50	+ 30		100.7
Sep. 1	+ 30	110	40	+ 10		101.1
Oct. 1	+ 50	130	20	+ 20		101.8
Nov. 1	+ 40	120	30		- 10	101.4
Dec. 1	Peak + 70	Peak 150	Peak 0	+ 30		102.5



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec Industry Wholesale Trade

Average Employment, 1947-51 = 24,800 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 2.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 30	290	350		- 310	99.9	
Feb. 1	- 230	90	550		- 200	99.1	
Mar. 1	- 260	60	580		- 30	99.0	
Apr. 1	- 280	40	600		- 20	98.9	
May 1	Trough -320	Trough 0	Trough 640		- 40	98.7	
June 1	- 90	230	410	+230		99.7	
July 1	+ 60	380	260	+150		100.3	
Aug. 1	+ 50	370	270		- 10	100.2	
Sep. 1	+150	470	170	+100		100.6	
Oct. 1	+210	530	110	+ 60		100.9	
Nov. 1	Peak +320	Peak 640	Peak 0	+110		101.3	
Dec. 1	+280	600	40		- 40	101.2	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario

Industry Wholesale Trade

Average Employment, 1947-51 = 35,000 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 1.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	+180	440	20	+ 60		100.5	
Feb. 1	+ 70	330	130		-110	100.2	
Mar. 1	+ 90	350	110	+ 20		100.3	
Apr. 1	-160	100	360		-250	99.5	
May 1	Trough -260	Trough 0	Trough 460		-100	99.3	
June 1	-240	20	440	+ 20		99.3	
July 1	Peak +200	Peak 460	Peak 0	+440		100.6	
Aug. 1	+ 70	330	130		-130	100.2	
Sep. 1	+ 70	330	130	No Change		100.2	
Oct. 1	- 70	190	270		-140	99.8	
Nov. 1	- 30	230	230	+ 40		99.9	
Dec. 1	+120	380	80	+150		100.3	



Based on D.B.S. Employment Indexes

Area Manitoba Industry Wholesale Trade

Average Employment, 1947-51 = 9,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 3.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 30	130	190		- 130	99.7	
Feb. 1	- 50	110	210		- 20	99.5	
Mar. 1	-140	20	300		- 90	98.6	
Apr. 1	Trough -160	Trough 0	Trough 320		- 20	98.4	
May 1	-150	10	310	+ 10		98.5	
June 1	-110	50	270	+ 40		98.9	
July 1	+ 40	200	120	+150		100.4	
Aug. 1	Peak +160	Peak 320	Peak 0	+120		101.6	
Sep. 1	Peak +160	Peak 320	Peak 0	No Change		101.6	
Oct. 1	+ 50	210	110		- 110	100.5	
Nov. 1	+120	280	40	+ 70		101.2	
Dec. 1	+100	260	60		- 20	101.0	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Saskatchewan Industry Wholesale Trade

Average Employment, 1947-51 = 5,200 (D.B.S., Employment and Payrolls)

Average Employment 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 6.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 40	120	200		- 100	99.2	
Feb. 1	-120	40	280		- 80	97.7	
Mar. 1	Trough -160	Trough 0	Trough 320		- 40	96.9	
Apr. 1	Trough -160	Trough 0	Trough 320	No Change		96.9	
May 1	- 60	100	220	+100		98.8	
June 1	+ 20	180	140	+ 80		100.4	
July 1	+100	260	60	+ 80		102.0	
Aug. 1	Peak +160	Peak 320	Peak 0	+ 60		103.1	
Sep. 1	+130	290	30		- 30	102.5	
Oct. 1	+ 30	190	130		-100	100.6	
Nov. 1	+ 20	180	140		- 10	100.4	
Dec. 1	+ 60	220	100	+ 40		101.2	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Alberta

Industry Wholesale Trade

Average Employment, 1947-51 = 6,900 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 3.3%

Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
				Higher +	Lower -
Jan. 1	+ 20	130	100		- 20 100.3
Feb. 1	- 60	50	180		- 80 99.1
Mar. 1	-100	10	220		- 40 98.5
Apr. 1	Trough -110	Trough 0	Trough 230		- 10 98.4
May 1	- 40	70	160	+ 70	99.4
June 1	0	110	120	+ 40	100.0
July 1	+ 50	160	70	+ 50	100.7
Aug. 1	Peak +120	Peak 230	Peak 0	+ 70	101.7
Sep. 1	+100	210	20		- 20 101.5
Oct. 1	+ 30	140	90		- 70 100.4
Nov. 1	- 30	80	150		- 60 99.6
Dec. 1	+ 40	150	80	+ 70	100.6



Area British ColumbiaIndustry Wholesale Trade

Average Employment, 1947-51=12,400 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 29.0%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	- 770	470	3,120	-2,000	93.8	
Feb. 1	- 890	350	3,240	- 120	92.8	
Mar. 1	- 960	280	3,310	- 70	92.2	
Apr. 1	-1,200	40	3,550	- 240	90.3	
May 1	Trough -1,240	Trough 0	Trough 3,590	- 40	90.0	
June 1	-1,010	230	3,360	+ 230	91.8	
July 1	- 760	480	3,110	+ 250	93.9	
Aug. 1	+ 220	1,460	2,130	+ 980	101.8	
Sep. 1	+ 680	1,920	1,670	+ 460	105.5	
Oct. 1	+2,320	3,560	30	+1,640	118.7	
Nov. 1	Peak +2,350	Peak 3,590	Peak 0	+ 30	119.0	
Dec. 1	+1,230	2,470	1,120	-1,120	109.9	



Area	Nova Scotia	Industry	Retail Trade			
Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	+ 470	750	240		- 240	107.0
Feb. 1	Trough = 280	Trough 0	Trough 990		- 750	95.8
Mar. 1	- 260	20	970	+ 20		96.1
Apr. 1	- 230	50	940	+ 30		96.6
May 1	- 210	70	920	+ 20		96.9
June 1	- 150	130	860	+ 60		97.8
July 1	- 100	180	810	+ 50		98.5
Aug. 1	- 260	20	970		- 160	96.1
Sep. 1	- 120	160	830	+ 140		98.2
Oct. 1	+ 90	370	620	+ 210		101.3
Nov. 1	+ 330	610	380	+ 240		104.9
Dec. 1	Peak + 710	Peak 990	Peak 0	+ 380		110.5



Based on D.B.S. Employment Indexes

Area New Brunswick Industry Retail Trade

Average Employment, 1947-51 = 5,000 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 20.4%

Date	Averages for the Years 1947 to 1951				Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month	
		Higher +	Lower -		
Jan. 1	Peak + 710	Peak 1,020	Peak 0	+ 10	114.2
Feb. 1	- 290	20	1,000	-1,000	94.2
Mar. 1	Trough - 310	Trough 0	Trough 1,020	- 20	93.8
Apr. 1	- 280	30	990	+ 30	94.4
May 1	- 280	30	990	No Change	94.4
June 1	- 130	180	840	+ 150	97.4
July 1	- 80	230	790	+ 50	98.4
Aug. 1	- 90	220	800	- 10	98.2
Sep. 1	- 130	180	840	- 40	97.4
Oct. 1	- 20	290	730	+ 110	99.6
Nov. 1	+ 190	500	520	+ 210	103.8
Dec. 1	+ 700	1,010	10	+ 510	114.0



Based on D.B.S. Employment Indexes

Area      Quebec      Industry      Retail Trade

Average Employment, 1947-51 = 43,300 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 11.5%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Peak	Peak	Higher +	Lower -	
Jan. 1	Peak +3,560	Peak 4,970	Peak 0	+ 250		108.2
Feb. 1	-1,010	400	4,570		-4,570	97.7
Mar. 1	Trough -1,410	Trough 0	Trough 4,970		- 400	96.7
Apr. 1	- 700	710	4,260	+ 710		98.4
May 1	- 700	710	4,260		No Change	98.4
June 1	- 500	910	4,060	+ 200		98.8
July 1	- 700	710	4,260		- 200	98.4
Aug. 1	-1,300	110	4,860		- 600	97.0
Sep. 1	-1,330	80	4,890		- 30	96.9
Oct. 1	+ 10	1,420	3,550	+1,340		100.0
Nov. 1	+ 780	2,190	2,780	+ 770		101.8
Dec. 1	+3,310	4,720	250	+2,530		107.7



Based on D.B.S. Employment Indexes

Area OntarioIndustry Retail Trade

Average Employment, 1947-51=83,300 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 13.2%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
					Higher +	Lower -
Jan. 1	Peak +8,130	Peak 10,990	Peak 0	+2,240		109.8
Feb. 1	-1,790	1,070	9,920		-9,920	97.9
Mar. 1	-2,440	420	10,570		- 650	97.1
Apr. 1	-1,580	1,280	9,710	+ 860		98.1
May 1	-1,210	1,650	9,340	+ 370		98.5
June 1	-1,050	1,810	9,180	+ 160		98.7
July 1	- 510	2,350	8,640	+ 540		99.4
Aug. 1	-2,220	640	10,350		-1,710	97.3
Sep. 1	Trough -2,860	Trough 0	Trough 10,990		- 640	96.6
Oct. 1	-1,260	1,600	9,390	+1,600		98.5
Nov. 1	+ 930	3,790	7,200	+2,190		101.1
Dec. 1	+5,890	8,750	2,240	+4,960		107.1



Based on D.B.S. Employment Indexes

Area Manitoba

Industry Retail Trade

Average Employment, 1947-51 = 15,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 17.3%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
	Higher +	Lower -				
Jan. 1	+1,660	2,470	240		- 240	110.6
Feb. 1	- 560	250	2,460		-2,220	96.4
Mar. 1	Trough - 810	Trough 0	Trough 2,710		- 250	94.8
Apr. 1	- 440	370	2,340	+ 370		97.2
May 1	- 520	290	2,420		- 80	96.7
June 1	- 530	280	2,430		- 10	96.6
July 1	- 200	610	2,100	+ 330		98.7
Aug. 1	- 340	470	2,240		- 140	97.7
Sep. 1	- 540	270	2,440		- 200	96.6
Oct. 1	- 10	800	1,910	+ 530		100.0
Nov. 1	+ 340	1,150	1,560	+ 350		102.3
Dec. 1	Peak +1,900	Peak 2,710	Peak 0	+1,560		112.1



Area SaskatchewanIndustry Retail Trade

Average Employment, 1947-51 = 7,100 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 18.0%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis- Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	+ 740	1,230	40		- 40	110.5
Feb. 1	- 330	160	1,110		-1,070	95.3
Mar. 1	- 240	250	1,020	+ 90		96.6
Apr. 1	- 180	310	960	+ 60		97.5
May 1	- 170	320	950	+ 10		97.6
June 1	- 70	420	850	+100		99.0
July 1	- 190	300	970		- 120	97.3
Aug. 1	Trough - 490	Trough 0	Trough 1,270		- 300	93.1
Sep. 1	- 300	190	1,080	+190		95.7
Oct. 1	+ 60	550	720	+360		100.9
Nov. 1	+ 380	870	400	+320		105.4
Dec. 1	Peak + 780	Peak 1,270	Peak 0	+400		111.1



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Alberta Industry Retail Trade

Average Employment, 1947-51 = 12,000 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 13.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	Peak +1,080	Peak 1,560	Peak 0	+ 370		109.0	
Feb. 1	- 330	150	1,410		-1,410	97.2	
Mar. 1	Trough - 480	Trough 0	Trough 1,560		- 150	96.0	
Apr. 1	- 410	70	1,490	+ 70		96.6	
May 1	- 350	130	1,430	+ 60		97.1	
June 1	- 220	260	1,300	+ 130		98.2	
July 1	- 100	380	1,180	+ 120		99.2	
Aug. 1	0	480	1,080	+ 100		100.0	
Sep. 1	- 10	470	1,090		- 10	99.9	
Oct. 1	+ 10	490	1,070	+ 20		100.1	
Nov. 1	+ 130	610	950	+ 120		101.1	
Dec. 1	+ 710	1,190	370	+ 580		105.9	



Area British Columbia Industry Retail Trade

Average Employment, 1947-51 = 22,300 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 11.2%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	+1,620	2,300	180		- 180	107.3
Feb. 1	- 500	180	2,300		-2,120	97.8
Mar. 1	Trough - 680	Trough 0	Trough 2,480		- 180	96.9
Apr. 1	- 360	320	2,160	+ 320		98.4
May 1	- 450	230	2,250		- 90	98.0
June 1	- 400	280	2,200	+ 50		98.2
July 1	- 460	220	2,260		- 60	97.9
Aug. 1	- 520	160	2,320		- 60	97.7
Sep. 1	- 500	180	2,300	+ 20		97.8
Oct. 1	+ 160	840	1,640	+ 660		100.7
Nov. 1	+ 250	930	1,550	+ 90		101.1
Dec. 1	Peak +1,800	Peak 2,480	Peak 0	+ 1,550		108.1



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec

Industry Banking, Investment and Loan

Average Employment, 1947-51 = 14,600 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 1.8%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
		Higher +	Lower -			
Jan. 1	- 60	40	220		- 150	99.6
Feb. 1	+ 10	110	150	+ 70		100.1
Mar. 1	- 20	80	180		- 30	99.9
Apr. 1	+ 30	130	130	+ 50		100.2
May 1	- 20	80	180		- 50	99.9
June 1	- 40	60	200		- 20	99.7
July 1	- 80	20	240		- 40	99.4
Aug. 1	- 90	10	250		- 10	99.4
Sep. 1	Trough -100	Trough 0	Trough 260		- 10	99.3
Oct. 1	Peak +160	Peak 260	Peak 0	+260		101.1
Nov. 1	+140	240	20		- 20	101.0
Dec. 1	+ 90	190	70		- 50	100.6



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario

Industry Banking, Investment, and Loan

Average Employment, 1947-51=22,900 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 1.6%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	Trough -230	Trough 0	Trough 370		-320	99.0	
Feb. 1	- 60	170	200	+170		99.7	
Mar. 1	-100	130	240		- 40	99.6	
Apr. 1	+ 40	270	100	+140		100.2	
May 1	+ 90	320	50	+ 50		100.4	
June 1	+ 90	320	50	No Change		100.4	
July 1	+ 60	290	80		- 30	100.3	
Aug. 1	- 40	190	180		-100	99.8	
Sep. 1	- 90	140	230		- 50	99.6	
Oct. 1	Peak +140	Peak 370	Peak 0	+230		100.6	
Nov. 1	+ 40	270	100		-100	100.2	
Dec. 1	+ 90	320	50	+ 50		100.4	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area British Columbia Industry Banking, Investment and Loan

Average Employment, 1947-51=4,700 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 2.4%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	Trough - 60	Trough 0	Trough 110		- 60	98.7
Feb. 1	- 40	20	90	+ 20		99.0
Mar. 1	- 20	40	70	+ 20		99.6
Apr. 1	+ 10	70	40	+ 30		100.2
May 1	+ 10	70	40	No Change		100.2
June 1	+ 10	70	40	No Change		100.2
July 1	0	60	50		- 10	100.0
Aug. 1	- 20	40	70		- 20	99.6
Sep. 1	- 10	50	60	+ 10		99.8
Oct. 1	+ 40	100	10	+ 50		101.0
Nov. 1	Peak + 50	Peak 110	Peak 0	+ 10		101.1
Dec. 1	0	60	50		- 50	100.0



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Quebec Industry Insurance

Average Employment, 1947-51 = 9,500 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 1.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	0	60	70		- 20	100.0	
Feb. 1	- 10	50	80		- 10	99.9	
Mar. 1	+ 30	90	40	+ 40		100.3	
Apr. 1	+ 10	70	60		- 20	100.1	
May 1	- 40	20	110		- 50	99.6	
June 1	Trough - 60	Trough 0	Trough 130		- 20	99.4	
July 1	- 20	40	90	+ 40		99.8	
Aug. 1	- 20	40	90	No Change		99.8	
Sep. 1	+ 10	70	60	+ 30		100.1	
Oct. 1	Peak + 70	Peak 130	Peak 0	+ 60		100.7	
Nov. 1	+ 30	90	40		- 40	100.3	
Dec. 1	+ 20	80	50		- 10	100.2	



Based on D.B.S. Employment Indexes

Area Quebec Industry Hotels and Restaurants

Average Employment, 1947-51 = 11,500 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 13.3%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Disemployment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 230	340	1,180		- 70	98.0	
Feb. 1	- 330	240	1,280		-100	97.1	
Mar. 1	- 540	30	1,490		-210	95.3	
Apr. 1	Trough - 570	Trough 0	Trough 1,520		- 30	95.0	
May 1	- 460	110	1,410	+ 110		96.0	
June 1	- 270	300	1,220	+ 190		97.6	
July 1	+ 480	1,050	470	+ 750		104.2	
Aug. 1	Peak + 950	Peak 1,520	Peak 0	+ 470		108.3	
Sep. 1	+ 880	1,450	70		- 70	107.7	
Oct. 1	+ 330	900	620		-550	102.9	
Nov. 1	- 90	480	1,040		-420	99.2	
Dec. 1	- 160	410	1,110		- 70	98.6	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario Industry Hotels and Restaurants

Average Employment, 1947-51=18,300 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 9.7%

Date	Averages for the Years 1947 to 1951				Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	-600	210	1,590		-400	96.8
Feb. 1	-690	120	1,680		- 90	96.3
Mar. 1	Trough -810	Trough 0	Trough 1,800		-120	95.6
Apr. 1	-780	30	1,770	+ 30		95.8
May 1	-450	360	1,440	+330		97.6
June 1	+130	940	860	+580		100.7
July 1	+600	1,410	390	+470		103.2
Aug. 1	Peak +990	Peak 1,800	Peak 0	+390		105.3
Sep. 1	+970	1,780	20		- 20	105.2
Oct. 1	+630	1,440	360		-340	103.4
Nov. 1	+240	1,050	750		-390	101.3
Dec. 1	-200	610	1,190		-440	98.9



No. 98C

## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Manitoba Industry Hotels and Restaurants

Average Employment, 1947-51=2,800 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 6.5%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	+ 50	150	30	+ 30		101.8	
Feb. 1	- 60	40	140		-110	97.8	
Mar. 1	Trough -100	Trough 0	Trough 180		- 40	96.4	
Apr. 1	- 90	10	170	+ 10		96.8	
May 1	- 80	20	160	+ 10		97.1	
June 1	- 30	70	110	+ 50		98.9	
July 1	+ 10	110	70	+ 40		100.4	
Aug. 1	Peak + 80	Peak 180	Peak 0	+ 70		102.9	
Sep. 1	Peak + 80	Peak 180	Peak 0		No Change	102.9	
Oct. 1	+ 70	170	10		- 10	102.5	
Nov. 1	+ 40	140	40		- 30	101.4	
Dec. 1	+ 20	120	60		- 20	100.7	



No. 98D

## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area AlbertaIndustry Hotels and Restaurants

Average Employment, 1947-51=3,600 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 54.5%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	-560	70	1,910		- 70	84.6	
Feb. 1	-600	30	1,950		- 40	83.5	
Mar. 1	Trough -630	Trough 0	Trough 1,980		- 30	82.7	
Apr. 1	-590	40	1,940	+ 40		83.7	
May 1	-500	130	1,850	+ 90		86.2	
June 1	-100	530	1,450	+400		97.2	
July 1	+940	1,570	410	+1,040		125.9	
Aug. 1	Peak +1,350	Peak 1,980	Peak 0	+410		137.2	
Sep. 1	+1,260	1,890	90		- 90	134.7	
Oct. 1	+340	970	1,010		-920	109.4	
Nov. 1	+420	210	1,770		-760	88.4	
Dec. 1	-490	140	1,840		- 70	86.5	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area British Columbia Industry Hotels and Restaurants

Average Employment, 1947-51=3,500 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = N.A. (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 13.2%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
				Higher +	Lower -		
Jan. 1	- 60	140	320		- 10	98.3	
Feb. 1	-140	60	400		- 80	96.0	
Mar. 1	Trough -200	Trough 0	Trough 460		- 60	94.3	
Apr. 1	-150	50	410	+ 50		95.7	
May 1	-100	100	360	+ 50		97.1	
June 1	- 30	170	290	+ 70		99.1	
July 1	+ 90	290	170	+120		102.6	
Aug. 1	+210	410	50	+120		106.0	
Sep. 1	Peak +260	Peak 460	Peak 0	+ 50		107.5	
Oct. 1	+160	360	100		-100	104.6	
Nov. 1	0	200	260		-160	100.0	
Dec. 1	- 50	150	310		- 50	98.6	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area QuebecIndustry Laundries and Dry Cleaning Plants

Average Employment, 1947-51 = 5,600 (D.B.S., Employment and Payrolls)  
 Average Employment, 1950 = 7,500 (D.B.S., Census of Industry and Merchandising)  
 Amplitude of Seasonal Employment Variations = 5.7%

Date	Averages for the Years 1947 to 1951					Seasonal Index	
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Disemployment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month			
		Higher +	Lower -				
Jan. 1	- 160	10	310		- 180	97.1	
Feb. 1	- 140	30	290	+ 20		97.5	
Mar. 1	Trough - 170	Trough 0	Trough 320		- 30	97.0	
Apr. 1	- 80	90	230	+ 90		98.6	
May 1	+ 90	260	60	+170		101.6	
June 1	+ 110	280	40	+ 20		102.0	
July 1	Peak + 150	Peak 320	Peak 0	+ 40		102.7	
Aug. 1	+ 60	230	90		- 90	101.1	
Sep. 1	0	170	150		- 60	100.0	
Oct. 1	+ 50	220	100	+ 50		100.9	
Nov. 1	+ 50	220	100	No Change		100.9	
Dec. 1	+ 20	190	130		- 30	100.4	



## CALENDAR OF SEASONAL VARIATIONS IN EMPLOYMENT

Based on D.B.S. Employment Indexes

Area Ontario Industry Laundries and Dry Cleaning Plants

Average Employment, 1947-51= 7,500 (D.B.S., Employment and Payrolls)

Average Employment, 1950 = 11,000 (D.B.S., Census of Industry and Merchandising)

Amplitude of Seasonal Employment Variations = 5.0%

Date	Averages for the Years 1947 to 1951					Seasonal Index
	Seasonal Employment Variations	Seasonal Employment (More than Seasonal Trough)	Seasonal Dis-Employment (Less than Seasonal Peak)	Change in Seasonal Employment from Preceding Month		
				Higher +	Lower -	
Jan. 1	Trough -150	Trough 0	Trough 370		- 20	98.0
Feb. 1	- 80	70	300	+ 70		98.9
Mar. 1	-140	10	360		- 60	98.1
Apr. 1	- 90	60	310	+ 50		98.8
May 1	+ 10	160	210	+100		100.1
June 1	+130	280	90	+120		101.7
July 1	Peak +220	Peak 370	Peak 0	+ 90		103.0
Aug. 1	+170	320	50		- 50	102.3
Sep. 1	+ 20	170	200		-150	100.3
Oct. 1	+ 50	200	170	+ 30		100.7
Nov. 1	- 10	140	230		- 60	99.9
Dec. 1	-130	20	350		-120	98.3



